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POPULATION AND LABOUR FORCE PROJECTIONS

FOR THE

ECONOMIC REGIONS OF ONTARIO

1961 - 1986

DEPARTMENT OF LABOUR

Government of Ontario

December, 1964

POPULATION AND LABOUR FORCE PROJECTIONS
FOR THE
ECONOMIC REGIONS OF ONTARIO
1961 1986

Prepared by
Economics Branch
Department of Economics and Development
for
The Department of Labour
Government of Ontario
December 1964

FOREWORD

This report has been prepared by the Economics Branch of the Department of Economics and Development at the request of the Ontario Department of Labour and the Ontario Economic Council.

The projections contained in the report have been made on the basis of 1961 census data and reflect current demographic and labour force participation trends. It must be emphasized that they represent continuations of current trends in births, deaths, immigration and labour force participation and cannot be considered forecasts of the future. They represent judgements of the outcome of factors which have in the past and are in the future expected to affect Ontario's population and labour force and are a guide to the problems likely to affect it in the future. Like any projections, they must be kept constantly under review as it is impossible to anticipate accurately changes in such areas as social attitudes to the family and to women in the work force or changes in the world political situation.

The projections for both population and labour force are based on the assumptions that Canadian and Ontario economic growth will continue at a fairly high rate, that world political and economic relationships will not be drastically altered and that reasonably full employment will be maintained.

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PART I

ONTARIO POPULATION PROJECTIONS 1961 TO 1986

1. Introduction

The projections attached were made for use of the various departments of the government of Ontario to be used as a guide in making policy decisions. These are based primarily on 1961 census data and have been made for the Economic Regions of Ontario, by five year age categories and for five year intervals. We used one set of assumptions regarding fertility rates and death rates and three assumptions regarding immigration rates. The user will have to decide on the basis of changes in these trends over the projection period which set of assumptions is most useful for his purposes. At the present time fertility rates are increasing, death rates are continuing to decline, particularly in the very young and the older age categories and net migration is bringing an average population increment of about 30,000 per year to Ontario. Circumstances can change very quickly and it is important to keep this in mind when using population projections. We do not pretend to be able to clearly forecast the future. These projections are merely the logical outcome of changes now occurring in the population. They represent our best judgement of the current trends in the population and the extension of those trends into the future.

2. Historical Trends

Ontario population has been subject to wide fluctuations in growth during this century, and there is no reason to believe that these variations are likely to stop. The rate of growth has varied from less than 1 per cent per year during the thirties to 4.3 per cent between 1956 and 1957. These extremes held for relatively short periods, but even considering longer periods of time, we have seen quite sharp changes in rates of growth. During the period from 1901 to 1931, the average increase was about 1.5 per cent per year; in the thirties, one per cent; from 1941 to 1951, 2 per cent and from 1951 to 1961, 3.1 per cent. Since 1961, population growth rates in Ontario have settled down to about 1.7 per cent per year, about the world average.

The following table shows Ontario's population growth in intercensal periods from 1861 to 1961 and the average annual rate of increase in population.

TABLE 1
RATE OF POPULATION INCREASE, ONTARIO

<u>Time</u>	<u>Average Annual Numerical Increase</u>	<u>% Increase per year</u>
1861 - 1871	22,500	1.5
1871 - 1881	30,600	1.7
1881 - 1891	18,700	0.9
1891 - 1901	6,900	0.3
1901 - 1911	34,400	1.5
1911 - 1921	40,700	1.5
1921 - 1931	49,800	1.6
1931 - 1941	36,600	1.0
1941 - 1946	61,000	1.6
1946 - 1951	101,000	2.4
1951 - 1956	161,400	3.3
1956 - 1961	166,200	2.9
1961 - 1964		

From the table we can see that even though the rate of population increase has cut back to just slightly higher rates than those prevailing during the first thirty years of this century, the actual numerical increases each year are now about $2\frac{1}{2}$ times the increments of the first part of the 1900's. Prognostications of population growth in Canada have varied widely from anticipation of population densities approaching those of southern Europe to a stabilized or even a declining population. By the late thirties and even immediately following World War II most demographers anticipated very little increase in our population. It was assumed that Canada would remain a primary producer and that fertility rates would continue the downward trend begun with the emancipation of women. Continued industrial growth, which had commenced to meet war-time demands, gave a great spurt to the Canadian economy and in particular to Ontario. Along with this increase in economic opportunity in Canada there was a general change in the sociological attitudes to the family throughout most of the Western World. The resultant rise in birth rates was particularly rapid in Canada. Thus during the late forties and the fifties Ontario population grew at the most rapid rate in

the past hundred years and at one of the most rapid rates of increase in the Western World. In terms of actual numbers, even now after a considerable slow-down in population accretion, we are adding more people per month in this province than we did each year just prior to the turn of the century.

There has been some decline in the rate of increase in population in the past three or four years and we certainly do not anticipate a return to the rapid rates of growth of 1955, 1956 and 1957. The variation in rates of growth in Ontario are largely attributable to the relative importance of immigration in this province. However, over the past 40 years about 63 per cent of the total population increment in Ontario has been the result of natural increase and about 37 per cent due to immigration. The factors affecting natural increase follow fairly steady trends and while these are subject to long term cyclical changes, they do not show the abrupt variations which we experience in immigration. In 1960, 1961 and 1962 there was an abrupt drying up of the stream of immigrants from abroad and there is little likelihood of any new flow in the near future. The factors affecting natural increase are still pointing to rapid growth in population, although there has been some slowing down in the rate of acceleration in growth in the past 3 or 4 years. It is also important to remember that even though we may not have as high a rate of increase in the coming years as we had in the 1946 to 1958 period it will be substantial in actual numbers. We are starting from a sizable population base and even with a modest rate of increase we will have fairly large increments.

3. Birth Rates

One of the major factors behind the rapid population growth of the post-war period has been the high and increasing birth rates. A high level of economic well being, a favourable social attitude toward the family and the general movement of population to the suburbs has resulted in continually rising birth rates and an increase in average family size. Crude birth rates increased steadily from a low of 16.9 per 1,000 population in 1937 to 26.8 per 1,000 population in 1957. Because of the relatively small

number of young people in the main family formation age groups (20 to 30), as a result of the low birth rates of the 30's, there has been some reduction in crude birth rates in the past 6 years. To offset this, fertility

TABLE 2

NUMBER OF BIRTHS PER 1,000 WOMEN IN THE CHILD BEARING
AGE GROUPS, ONTARIO, SELECTED YEARS 1921 - 1963

<u>Years</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30-34</u>	<u>35-39</u>	<u>40-44</u>	<u>45-49</u>
1921	35.4	150.3	173.4	143.0	98.2	38.8	5.1
1931	35.7	127.5	145.2	114.9	74.1	28.8	3.4
1941	36.8	133.3	137.3	96.3	55.9	19.1	1.7
1946	40.4	166.9	169.7	123.2	70.0	21.7	2.1
1951	60.1	186.4	181.8	125.2	68.1	21.0	1.9
1956	66.6	225.9	205.8	135.6	73.1	22.5	1.5
1961	69.1	239.9	211.6	134.2	69.8	21.9	1.5
1962	64.9	241.7	211.6	134.0	65.5	21.8	1.3
1963	61.5	239.5	210.9	133.6	66.0	21.0	1.2
U.S.A.							
1962	81.3	243.8	191.3	108.3	52.6	14.8	0.9

Source: Births - Vital Statistics, Queen's Printer.
Population - Dominion Bureau of Statistics,
Census of Canada and Intercensal Estimates.
Queen's Printer, Ottawa.

U.S.A. - Statistical Abstract of the United States of America
1964 table no. 52.

rates i.e. births per 1,000 women in specific age categories have been either stable or continuing to rise. When young people born during the late 40's begin to move into the child bearing ages in the next few years, we can expect a fairly sharp upturn in births starting in about 1966. It is possible that there will be a tendency toward small families in the future as cities are becoming larger and there appears to be a movement of young families back to the city centre from the suburbs. If this change occurs, we could have some reduction in fertility rates or a slowing down in increase in rates, but there is as yet no indication of this. The main child bearing ages, 20-29 are still showing an increase in birth rates and until there is a reversal of trends in these age categories we can expect continuing high birth rates. Even with fairly stable age specific fertility rates,

we could expect an increase in crude birth rates by the late 60's or early 70's, because by then the large numbers of young people born in the immediate post-war period will be reaching marriageable age.

In the U.S.A. fertility rates are still considerably higher in the 15 to 25 age categories than in Ontario but for women over 30 Ontario has higher fertility rates than the United States. This may mean only that they have their families at an earlier age in the United States but it may also indicate that we can expect fertility rates for the older age categories to decline to about the U.S.A. levels. (For comparisons see Table 2). There is no indication that Ontario fertility rates in the under 20 age category are likely to rise to the U.S. levels.

Early marriages have been partially responsible for the high birth rates and there appears to still be an increase in the number of young people married. Table 3, shows that up to 1961 there were still increasing proportions of both males and females married in the 20 to 24, and 25 to 34 age groups. The proportion under 20 seems to have levelled off, although there was still a slight increase in 1961 as compared with 1956. In 1961, 55.3 per cent of all brides were 21 years of age or under, as compared with only 36.6 per cent in 1939 and 48 per cent in 1956. This trend toward early marriages has led to very rapid family formation. Thus, even if there were a levelling off in total family size, with early marriages women bear their

TABLE 3

PERCENTAGE MARRIED IN SELECTED AGE GROUPS BY SEX 1921 - 1961

<u>Males</u>	<u>1921</u>	<u>1931</u>	<u>1941</u>	<u>1951</u>	<u>1956</u>	<u>1961</u>
15-19	.72	.45	.64	1.63	1.53	1.70
20-24	19.60	16.54	19.43	31.09	32.95	35.08
25-34	62.12	61.00	62.56	74.55	76.59	79.33
<u>Females</u>						
15-19	6.09	5.60	6.87	10.29	10.25	10.56
20-24	39.69	37.51	42.72	57.21	62.17	65.02
25-34	71.63	72.46	72.74	83.91	87.10	88.65

Source: Census of Canada.

children at an earlier age and the length of the generation is shorter. As a result fertility rates increase over the long run. Along with this tendency toward earlier marriages there is a trend to fewer childless marriages and generally larger families. These trends are shown in Table 4 and 5.

Since 1946 there has been a steady decline in the proportion of births that are first born from 35.4 per cent of all births to 27.1 per cent, even though the total number of first births increased over most of that period. Second and third births have stayed at about 25.2 per cent and 18.9 per cent of all births since 1957. Both in total number and proportion of all births 4th, 5th, 6th and 7th births are increasing and in 1963 made up more than one quarter of all births in the province. Along with this increase in the number of children per family there has been a decline in the number of families without children. Table 5 shows that a growing proportion of families with heads up to age 44 have children at home. The trends in the over 45 age category are more related to late marriages and high birth rates in the older age categories than to total family size.

TABLE 4

LIVE BIRTHS IN ONTARIO BY BIRTH ORDER IN FAMILY
1931-1963 EXPRESSED AS PERCENTAGES OF TOTAL BIRTHS

	<u>1931</u>	<u>1941</u>	<u>1946</u>	<u>1951</u>	<u>1956</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
1st child	28.4	27.8	37.0	30.4	29.4	27.6	27.1	27.0
2nd or 3rd child	37.2	38.3	42.6	47.2	44.9	43.8	43.9	43.9
4th or 5th child	17.6	31.1	12.4	14.7	17.2	18.9	19.0	19.2
6th or 7th child	8.7	5.6	4.4	4.6	5.4	6.2	6.5	6.4
8th or higher	8.1	5.3	3.7	3.1	3.2	3.5	3.5	3.5

Source: Vital Statistics, Queen's Printer, Toronto

TABLE 5

PERCENTAGE OF FAMILIES WITHOUT CHILDREN, FOR
SELECTED AGES OF HEAD OF FAMILY, 1941 - 1961

	<u>1941</u>	<u>1951</u>	<u>1956</u>	<u>1961</u>
Head of family:				
Under 35 years of age	34.2	27.2	23.9	20.4
35-44 years of age	17.0	15.2	12.7	10.5
45-64 years of age	32.7	40.9	39.5	37.8
65 years and over	80.1	87.7	87.8	90.1

Families are defined as a group of related people living in one household and in this table only those which have a married, widowed or divorced head are included. Children are defined for census purposes as unmarried sons and daughters 24 years of age and under living with their parents.

4. Death Rates

The decline in death rates is also continuing to contribute to the population growth. We would expect this decline to give us a more rapidly aging population. While the death rates are declining in all age categories, and people are generally living longer than they did in the past, a large part of the improvement in death rates has been in the infant death rate which adds to the young population rather than to the older age categories. A decline in infant death rates, is in effect the same as an increase in birth rates. Since 1956 there has been very little change in death rates in the age categories from 5 years to young adulthood. There is still a slight decline in most of these groups, but there is no significant trend. Death rates for females in all categories are continuing to decline but male death rates in the over 50 age group have shown no improvement for some time, as heart disease and cancer have been off-setting any improvements. A break through in the prevention or treatment of these diseases would result in a fairly substantial improvement in life expectancy for males over 50 and could change the population age distribution markedly.

We expect continued improvements in life expectancy, particularly in the infant category as medical, sanitary and nutritional standards continue to improve. There will also probably continue to be a fairly steady decline in death rates for people over 65, but there is likely to be a slow down in the rate of improvement in the age categories between infancy and old age.

5. Immigration

Gains through migration result both from immigration from abroad and from inter-provincial movements. Over the forty year period from 1921 to 1961 Ontario had an average net gain of 30,000 persons per year through population movements, but during that period it varied from about 8,000 per year in the decade 1931 to 1941 to 68,000 per year in the 1951 to 1961 decade. Such fluctuations place any assumptions regarding net immigration in the crystal ball category. For this reason we make varying assumptions regarding the level of migration and leave the user to make his own selection of which he considers most likely. It depends on the time period in which you are interested, which assumption you would use.

Immigration rates to Canada have been connected with opening of new areas of the country for settlement or with new economic developments. In the twentieth century the first heavy wave of immigration was to the prairie provinces. Later as agriculture techniques improved and productivity increased, the people from the rural areas drifted back to the east to the industrial centers. The second large wave of immigration from abroad, in the period 1948 to 1958, was an influx of industrial and technical workers. More than half of them came to Ontario.

The supply of immigrants appears to have been drying up over the past few years. Economic conditions in Europe have recently been far more favourable than for many past years and the income advantage of North America as compared with Europe has narrowed. Thus from a post-war peak immigration to Canada of 282,000 in 1957, the total dropped to 72,000 in 1961 and after a slight recovery in 1963 is still likely to total only 85,000 to 90,000.

TABLE 6

POPULATION GROWTH, ONTARIO, 1901 - 1961

Period	Population Increase	Natural Increase (1)	Total Immigration (2)	Net Gain Through Migration	Population at end of Period
1901 - 1911	344,000	212,000	398,000(3)	132,000	2,527,000
1911 - 1921	407,000	297,000	545,000(3)	110,000	2,934,000
1921 - 1931	498,000	344,000	422,000(4)	154,000	3,432,000
1931 - 1941	356,000	278,000	63,000(4)	78,000	3,788,000
1941 - 1951	810,000	505,000	282,000(4)	305,000	4,598,000
1951 - 1961	1,638,000	952,000	815,000(5)	686,000	6,236,000
1901 - 1961	4,053,000	2,588,000	5,113,000	1,465,000	6,236,000

(1) Births and Deaths are distributed on a 5/12 - 7/12 basis for census years.

(2) Total Immigrant Arrivals from other countries.

(3) Data is for fiscal years 1902 - 1911 and 1912 - 1921.

(4) Immigration for years 1921, 1931, and 1941 was split between census periods on a 5/12 - 7/12 basis.

(5) Figures from June 1, 1951 to May 31, 1961 were obtained by special tabulation from the Department of Citizenship and Immigration.

Sources:

Natural Increase, see Table A - 2.

Immigration 1901 - 1920 Canada Year Book, 1924.

1921 - 1925 Special tabulation from the Department of Citizenship and Immigration.

1926 - 1941 Canada Year Book, 1942.

1942 - 1961 Canada Year Books and Statistical Reports from the Department of Citizenship and Immigration.

Similarly emigration has varied substantially but from 1956 to 1961 it averaged over 50,000 per year and since then what information is available indicates an upturn in emigration from Canada, particularly to the United Kingdom and Western Europe. In 1961 and 1962 in Ontario our immigrants and emigrants were about equal in number with no net gain.

There was an upturn in immigration in 1963 and 1964 and we are making some net gain through migration. Moreover, for a long time, there has been a general gain in Ontario's population through exchange with other provinces. Since 1921 this gain has averaged between 10,000 and 15,000 per year so that if we take 10,000 per year as a conservative estimate of Ontario's probable net gain through exchange of population with other provinces we are not likely to be far out. The projection which assumes a net gain of 30,000 per year to Ontario through migration is, therefore, a fairly reasonable estimate of the probable long term average. For any one year the total might be extreme but we can only project possible averages.

6. Internal Migration

Population changes are affected not only by movements of population from abroad and from other provinces in Canada, but also by internal movements in the province. The long term trends have shown consistent migration from the rural counties and rural areas into the major cities. The overall volume of movement within the country has increased sharply in the last fifteen years. Some of this offsets itself and we are here concerned with net changes due to internal migration.

The estimates of inter-county movement were made on the basis of changes in population between census periods. The proportion of the change due to natural increase, the proportion due to changes in the immigrant population and the change in the proportion from outside the province were first estimated and related to total change in population of the region. The resultant differences have to have come from other counties within the province or have moved to other counties.

The gains in population, as we noted in the beginning, were chiefly in the metropolitan and large urban communities and the losses chiefly in the rural areas which have not been able to absorb their own natural increase. For projection purposes we estimated that migration internally would be higher during the same periods that external immigration was high and therefore, estimated an average net change of 2,000 per year to correspond with the estimated net gain of 10,000 per year to the province from external migration. We assumed that this would be the low estimate and that if we gained an average of 30,000 a year from external migration, there would be net changes within the province of an average of 6,000 per year or 30,000 over a five year period.

7. Age Distribution

The varying rates of growth in the population, in fertility rates, and in migration rates result in substantial changes in the age distribution of the population. In Ontario, the declining birth rates during the 20's and 30's resulted in substantial drops in the very young age group from about 30 per cent in 1921 to 24.2 per cent in 1941. The war-time and post-war rise in birth rates has reversed this trend and in 1961, 32.2 per cent of the total Ontario population were under 15 years of age. At the present, time, there is a slight decline in crude birth rates in the Province because of the small number of persons in the main child-bearing ages. However, when the post-war babies reach family formation age within the next few years, there should be some reversal of this trend and our projections indicate that by 1986 there will probably be 34.7 per cent of the population under 15 years of age.

The population in the 15 to 19 age category, is the group concerned with university education, vocational training and secondary school education. The proportion of the total in this age category declined from about 10.5 per cent of the total at the beginning of this century to 6.4 per cent in 1956. In 1961, the trend was again up to 7 per cent. Depending upon the level of migration, the totals are likely to be close to 9 per cent by 1971.

If migration is fairly high, we will obtain more people in the working age categories 20-40 and this younger group will not make up such a large proportion of the total. On the other hand, if we are dependent almost entirely on natural increase, this age category is likely to be relatively high. The 20 to 24 age category demonstrates the group of new entrants to the work force. These are expected to increase substantially from about 6.2 per cent of the total to 8.2 per cent by 1976. (See table C - 3.)

The main working age groups, the 25 to 64 year age category, are expected to make up a diminishing proportion of the total population. Hence, we can expect that the working people will be supporting a larger number of other persons over the next twenty-five years. This may be slightly offset by increasing proportions of women working. The proportion in the main working age group rose from 42.7 per cent in 1901 to 50.2 per cent in 1941, but it has been declining since and is now only 46.5 per cent of the total. By 1986, if we have fairly substantial immigration, the proportion will have declined to about 40.6 per cent and without immigration will be an even smaller proportion, 39.9 per cent.

Another factor affecting workers is the number of older persons in the population. While increased medical care and improved sanitation and health services have made it possible for people to live longer, at the same time, they are retiring from the work force at an earlier age. For this reason, we can expect to continue to have larger numbers of dependent older people in the Ontario population. This 65 and over age group has been increasing fairly steadily all through this century, from 5.6 per cent of the total in 1901 to 8.2 per cent in 1961. By 1986, they are expected to make up between 8.8 per cent and 9.5 per cent of the total, depending on the level of immigration.

In order to understand why immigration has such an effect on age distribution, we must remember that the majority of the immigrants are in the young working age categories of the population. They are also in the young family formation groups and so tend to add to the birth rates and to those in the young age categories, whereas there are far fewer of them in

the older age categories. Hence, continuing high levels of immigration tend to result in a younger population.

In summary the most startling changes in the population in the next twenty-five years will be in the extremes of the young age groups and the older age groups. In 1961, there were just over two million persons in the Province under fifteen years of age. By 1986, we anticipate between three and one-half million and 3.9 million young people under fifteen. Likewise, in the older age category - those over sixty-five years of age - in 1961 there were just over half a million in this group, by 1986, we can expect between 933,000 and 974,000 persons in this older category. As we noted in the distribution analysis, migration has a smaller effect on the old age category than it does on almost all other categories of workers. While eventually these immigrants do reach the sixty-five or over group they will not reach this age during the twenty-five year period under review. The group of young entrants to the work force are also a rapidly growing population group, and are expected to more than double in number over the next twenty-five years. This will affect our educational programs and our preparation programs for the working world.

TABLE 7
(1)
POPULATION OF ONTARIO, CENSUS YEARS 1901 - 1961
PERCENTAGE DISTRIBUTION BY AGE

Age Group	1901 % of Total	1911 % of Total	1921 % of Total	1931 % of Total	1941 % of Total	1951 % of Total	1956 % of Total	1961 % of Total
0 - 4	10.3	10.3	10.3	8.9	7.8	11.2	11.6	11.9
5 - 9	10.5	9.7	10.4	9.7	7.9	8.7	10.4	10.8
10 - 14	10.5	9.3	9.4	9.2	8.5	7.1	7.9	9.5
15 - 19	10.5	9.5	8.7	9.3	8.9	6.9	6.4	7.0
20 - 24	9.9	9.8	8.2	8.4	8.6	7.7	6.8	6.2
25 - 29	8.2	9.0	8.1	7.7	8.3	8.4	7.7	6.8
30 - 34	7.1	7.7	7.7	7.4	7.6	7.6	8.1	7.4
35 - 39	6.6	6.8	7.5	7.2	7.1	7.4	7.2	7.5
40 - 44	5.8	5.9	6.4	6.7	6.6	6.6	6.7	6.4
45 - 49	4.8	5.3	5.5	6.0	6.1	5.8	5.8	5.8
50 - 54	4.1	4.6	4.8	5.2	5.7	5.4	5.0	5.0
55 - 59	3.2	3.5	3.8	4.0	4.8	4.6	4.4	4.1
60 - 64	2.9	2.9	3.3	3.4	4.0	4.0	3.6	3.5
65 - 69	2.2	2.2	2.4	2.7	3.1	3.4	3.1	2.9
70 - 74	1.6	1.6	1.6	2.1	2.3	2.5	2.5	2.3
75 - 79	1.0	1.0	1.0	1.2	1.5	1.5	1.5	1.6
80 - 84	0.5	0.6	0.6	0.6	0.8	0.8	0.8	0.9
85 - 89	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4
90+	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

8. Regional Population Projections

The patterns of population growth within the province are largely dependent on the nature of our economic growth. Early settlement was distributed over the rich agricultural lands of the Province. Recent population growth has been concentrated in the industrial areas, and this concentration is likely to continue. Discoveries of new mineral resources or extension of agriculture into more northerly areas could result in rapid population growth in some of the now scarcely populated parts of the province. However, such changes cannot be anticipated as to timing or exact location so that we cannot pinpoint them. It is therefore, assumed that they will continue to add population to the outlying areas at about the same rate as they have been doing in the past sixty years.

The Metropolitan and Niagara regions have been sharing the bulk of population increase in this province. In 1901 these two regions accounted for 25.4 per cent of Ontario's population and by 1961 their share had increased to 45.7 per cent. In recent years some of the other major cities have been growing very rapidly - Ottawa, London, Sarnia, Windsor - and some of the industrial concentration may be taken up by these cities. By 1986, however, we expect that about half the Ontario population will be living in the Metropolitan and Niagara regions.

The regional concentration of population is only one part of the growth pattern. The growing urbanization of the population gives us striking illustrations of changing concentration. Many of Ontario's rural counties have had fairly stable populations for the past sixty-five years and we do not expect them to change much over the next quarter century. While birth rates in many of these counties are higher than average, the young people move on to the cities or larger towns when they reach working age and the base population remains constant. Thus, there has been almost no change in population in Lanark, Prescott, Russell, Dundas, Glengarry, Grenville, Lennox and Addington, Victoria, Huron, Bruce, Dufferin, Grey or Manitoulin in the twentieth century and in fact several of these counties are more sparsely populated now than they were at the turn of the century.

TABLE 8

POPULATION TRENDS OF ECONOMIC REGIONS IN ONTARIO, 1901 - 1961

Economic Regions	1901	1911	1921	1931	1941	1951	1956	1961
Eastern Ontario	470,000	415,000	440,000	463,000	515,000	592,000	676,000	783,000
Lake Ontario	237,000	231,000	225,000	227,000	235,000	272,000	305,000	335,000
Metropolitan	354,000	530,000	743,000	971,000	1,077,000	1,363,000	1,700,000	2,088,000
Niagara	201,000	257,000	344,000	402,000	444,000	576,000	682,000	762,000
Lake Erie	214,000	216,000	225,000	241,000	260,000	319,000	361,000	405,000
Lake St. Clair	173,000	175,000	213,000	277,000	298,000	371,000	422,000	450,000
Upper Grand River	220,000	219,000	227,000	245,000	252,000	295,000	331,000	373,000
Georgian Bay	278,000	266,000	249,000	245,000	252,000	273,000	299,000	319,000
Northeastern Ontario	72,000	149,000	185,000	252,000	318,000	370,000	433,000	506,000
Lakehead Northwestern Ontario	28,000	69,000	82,000	108,000	138,000	167,000	196,000	217,000
Total Ontario	2,183,000	2,527,000	2,934,000	3,432,000	3,788,000	4,598,000	5,405,000	6,236,000
PERCENTAGE DISTRIBUTION								
Eastern Ontario	18.6	16.4	15.0	13.5	13.6	12.9	12.5	12.6
Lake Ontario	10.9	9.1	7.7	6.6	6.2	5.9	5.6	5.4
Metropolitan	16.2	21.0	25.3	28.3	28.4	29.7	31.5	33.5
Niagara	9.2	10.2	11.7	11.7	11.7	12.5	12.6	12.2
Lake Erie	9.8	8.5	7.7	7.0	6.9	6.9	6.7	6.6
Lake St. Clair	7.9	6.9	7.3	8.1	7.9	8.1	8.7	7.2
Upper Grand River	10.1	8.7	7.7	7.1	6.6	6.4	6.1	6.0
Georgian Bay	12.7	10.5	8.5	7.2	6.7	5.9	5.5	5.1
Northeastern Ontario	3.3	5.9	6.3	6.3	7.3	8.0	8.0	8.1
Lakehead Northwestern Ontario	1.3	2.7	2.8	3.2	3.6	3.6	3.6	3.5
Total Ontario	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

The population in these centres is not expected to grow much in the next twenty-five years and some of them will probably decline as agricultural productivity continues to improve. The young people in these areas must be trained and prepared to move to the more rapidly growing parts of the province where there is greater economic opportunity.

The growth patterns in the Economic Regions also affect the age distribution of the population. Thus we see that the proportion in the very young categories is larger in the rural areas than in the industrial areas. On the other hand the northern mining communities - Northeastern, Northwestern and the industrial Metropolitan and Lake Erie regions in 1961 had a larger than average proportion of persons of young working ages - 20 to 29. The Metropolitan and Niagara Regions are the only regions with a greater than average proportion of their population in the age categories 30 to 54. This is the group of experienced and still young (in labour market terms) persons who are the backbone of the work force.

Demographic trends have some affect on the population growth of the regions. However, of greater significance is the relative economic opportunity in the various regions. It is therefore likely that the industrial regions will continue to gain population from the rural areas and that the age distributions in the regions will reflect these movements. A larger proportion of the working age population will be located in the urban centres than in the rural areas. Education and training programmes even in the more slowly growing areas, therefore, must be designed to fit people for work in the industrial areas.

9. Conclusion

The difficulties inherent in making any predictions of future population have been pointed out. It is clear that some factors can be predicted with reasonable assurance but that others such as migration are not subject to well defined trends. It is important, therefore, to remember that these projections are merely the logical outcome of current trends and that when these trends change, the projections must be reviewed.

The assumptions concerning birth, death, and immigration rates which we consider to be most probable at the present time are listed below.

Births: Continuing rising fertility rates in the 20 to 29 age category and stable rates for women under 20, and 30 years of age or over.

Deaths: Declining death rates in most age categories but more rapid rates of decline in infant deaths and in the over 65 age categories.

Immigration: Net gains both from outside Canada and from other provinces averaging about 30,000 persons per year. Changes in immigration policy, consistently high employment levels and improvements in economic opportunity in the province could quickly change this picture, but for the present we will assume that migration will continue at about the long term average and we can expect the net gain through population movements to average 30,000 per year.

Inter-County Migration: Average net change between Ontario counties of 6,000 per year. This means that those counties which gain have a net gain of 6,000 per year from movement between counties and those who are losers have a net loss of 6,000 per year from inter-county movements.

PART II

ONTARIO LABOUR FORCE PROJECTIONS, 1961 TO 1986

1. Assumptions

The labour force projections are based primarily on the population projections in part I of this report which were completed by the Economics Branch of the Department of Economics and Development in 1963. In view of the long term nature of these population projections it was found that the basic assumptions made at that time did not require revision for this study.

It is assumed that the Ontario economy will continue to grow at a sufficiently rapid rate to offset the maladjustments in the labour force resulting from automation and technological change. It is also assumed that the training and re-training programmes will be sufficiently flexible and will be expanded sufficiently to maintain a reasonable balance in the supply of and demand for workers. The projections indicate the size of the problem of education and training, and the present direction of changes in the labour force.

Any extended period of unemployment or underemployment would affect immigration, internal migration, and labour force participation rates and the projections would have to be reviewed in the light of such changes. On the other hand, any sharp increase in demand on our productive capacity such as war or extensive world aid programmes would also affect our labour force growth rates.

2. Participation Rates

Participation rates are expressed as being that proportion of the population age 15 and over who are in the labour force. The census definition of the labour force was used. It includes all persons 15 years of age and over who were reported as having a job of any kind, either part-time or full time (even if they were not at work) or were reported as looking for work, during the week prior to enumeration.

Because the labour force projections are the products of population and labour force participation rates it follows that the forecast participation rates have a profound effect on the estimated overall level of labour force size. The Ontario labour force participation rates were estimated

TABLE 9

ONTARIO LABOUR FORCE PARTICIPATION RATES,
1921, 1931, 1941, 1951, 1961 AND PROJECTED

MALES

<u>Age Group</u>	<u>1921</u>	<u>1931</u>	<u>1941</u>	<u>1951</u>	<u>1961</u>	<u>1966</u>	<u>1971</u>	<u>1976</u>	<u>1981</u>	<u>1986</u>
15-19	69.4	55.7	63.7	58.2	40.6	38	34	32	28	25
20-24	92.8	92.0	95.1	93.2	89.0	88	87	87	86	85
25-34	95.7	97.7	97.9	97.3	95.7	95	95	95	95	95
35-44	98.7(1)	97.7	98.0	97.5	96.0	95	95	95	95	95
45-54	-	96.4	96.4	95.4	94.2	94	94	93	93	93
55-59	-	-	93.2	91.2	89.4	88	88	88	88	88
60-64	89.1(2)	90.5(3)	86.0	84.4	78.7	77	76	75	75	75
65 +	58.8	54.1	47.9	43.1	31.6	30	28	25	25	25
Total Male	88.8	86.7	86.4(4)	85.6	80.8	78	77	75	75	74

FEMALES

15-19	33.9	29.0	41.5	43.0	33.9	31	29	27	25	25
20-24	40.3	47.2	50.3	51.1	51.6	52	53	53	53	53
25-34	19.8	24.0	26.7	27.6	33.8	34	35	35	35	35
35-44	12.1(1)	14.4	17.9	25.5	36.2	37	40	43	45	45
45-54	-	12.2	14.7	23.9	38.4	40	42	44	46	48
55-59	-	-	12.9	19.1	32.3	34	36	38	40	40
60-64	9.9(2)	10.8(3)	11.2	14.7	23.8	25	26	27	28	29
65 +	5.6	5.4	5.7	5.6	7.6	7.5	8	8	8	8
Total Female	19.1	20.6	22.3(4)	26.5	32.6	33	34	35	35	35
Grand Total	54.3	54.3	54.8(4)	56.1	56.6	55	55	55	55	54

- (1) participation rate for 35-49 year age group
- (2) participation rate for 50-64 year age group
- (3) participation rate for 55-64 year age group
- (4) including persons in the armed forces

Sources: 1921 Census of Canada, Vol. IV
1931 Census of Canada, Vol. VII.
1941 Census of Canada, Vol. VII
1951 Census of Canada, Vol. IV
1961 Census of Canada, Vol. 3.1

Total Male, Female and Grand Total also from this source.

for nine age groups. Historical and projected Ontario rates are presented in Table 9. On a regional basis estimates were made for only four broad age groups. The main reason for adopting fewer age groups was the fact that there were no historical series of labour force by age groups available for the regions. An examination of past changes over time in regional participation rates was thus not possible. The 1961 census was the first time that labour force data by age groups was published on a county basis.

Once the Ontario rates of labour force participation were estimated for the nine age groups for both males and females these were then, for purposes of regional estimation, aggregated to produce for each economic region rates for four age groups: 15-24, 25-44, 45-64 and 65 and over. A further assumption was made to the effect that the relationship that regional participation rates bore to those of Ontario would be the same over the period for which projections were made. While this method is subject to limitations it was decided that it would be a reasonable approximation which had to be made in the light of the data available.

Participation rates tend to vary over time. They are influenced by a variety of factors and thus far it has not been possible to isolate the relative importance of each individual factor. For example there are conflicting pressures on participation rates during a recession. Women, particularly in the major cities may enter the labour force to supplement the family income. On the other hand, persons with a fairly tenuous attachment to the labour force - the young entrants and older persons may withdraw from the work force when jobs are not available.

3. Male Participation Rates

For Ontario estimates of future labour force participation rates were made for nine age groups. For each age group participation rates were charted on a historical basis and regression equations were computed. These equations which indicate trends were used as a guide in estimating future participation rates.

In the 15-19 male age group a further gradual decline in participation rates is anticipated because a greater proportion of persons are

expected to stay in school to continue their education. Between 1921 and 1931 participation rates in this group declined from 69.4 per cent to 55.7 per cent(1). In the decade 1931 to 1941 it increased primarily because of the war but since that time it has continued to decline. The last census decade shows a decline in the participation rate from 58.2 per cent to 40.6 per cent.

A small decline in labour force participation is also anticipated in the 20-24 age group because a larger proportion of students are expected to continue their formal education. Very little downward shift is forecast for the 25-34 age group. In the 45-54 age group the long term trend is expected to continue, but here again the relative magnitude of anticipated changes will be small. For the male age group 55-59, the rates rose slightly for three decades beginning in 1921. Since 1941, however, the rate has been declining. Our projection anticipates a levelling in this group.

Statistics for the 60-64 age group participation rates are available only from 1941. The decline is expected to continue for at least the next decade after which time a constant rate has been assumed. The participation rate for the 65 and over age group declined in every census year including the war years. In 1921 the proportion of the population in the labour force in this age group was 58.1 per cent; by 1961 it had fallen to 31.6 per cent - a decline of almost one-half. Because the retirement age has been declining, we anticipate that participation rates in this age will decline to about 25 per cent by 1976.

4. Female Participation Rates

One of the most significant changes which has occurred in the labour force has been the continued increase in the proportion of women who consider themselves to be members of the labour force. There are a variety of socio-economic factors which influence female participation rates. One reason for the long term increase is that jobs which employ females have expanded markedly. For example, in 1911 just over 10 per cent of the female

(1) Means that 55.7 per cent of the male population in the age group 15-19 are in the labour force.

labour force in Ontario were in clerical occupations. By 1961 the proportion had risen to about 33 per cent.

Another reason why the female participation rate has risen is that there has been a marked change in the rural-urban structure of the population distribution. In 1901 only 27 per cent of the Ontario population lived in cities, towns and villages of 5,000 or more, while in 1961 the proportion was 73 per cent. The change meant that females were now geographically close to urban areas where jobs for them are available outside the home. The introduction of labour saving devices and pre-prepared foods has freed women from a great deal of their domestic work. Once children have reached school age their mothers often elect to take full or part-time jobs to supplement family income in order to provide for "extras".

Each census since 1911 has indicated a higher level of female participation rates. Since 1941 the rates have shown a particularly strong upward movement. As a result of the rising female participation rates, the proportion of females to males in the labour force has also been increasing. In 1911 15 per cent of the total labour force were females but by 1961 the proportion had doubled.

Future participation rates for females in certain female age groups are particularly difficult to forecast in view of the decennial fluctuations which have occurred. In the 15-19 age group participation rates rose from 29 in 1931 to a peak of 43 in 1951. Since that time they have declined again to the level of 1921. It seems probable that the participation rate will gradually decline and remain level after 1981. No marked rise in participation is anticipated in the 20-24 and 25-34 age groups if high levels of fertility continue.

One of the most dramatic changes which has occurred in female participation rates has been in the age groups 35-44, 45-54, 55-59 and 60-64. In these age groups are to be found relatively large numbers of women who have raised a family or who have older children attending school. The participation rate in the 35-44 age group has tripled from the 1921 level of 12 per cent. The rate has increased markedly since the war years.

What is likely to occur with respect to this rate and rates in the other three groups in the future will depend on a number of factors which are difficult to assess at this time. Nevertheless, it seems reasonable to assume that while the long term trend is likely to continue, provided that jobs for women in these age groups are available, it also seems valid to assume that eventually there will be some tapering off in the upward movement. The rate of increase in some of the chiefly female occupations - clerical and stenographic - is expected to slow as computers, re-producing devices and new techniques increase office productivity.

At the higher age levels it does not seem probable that substantial increases in female participation rates are likely to take place. For example, in the female age group 60-64, the increase is expected to be below the 1941-1961 trend line. As might be expected, the female participation rate in the 65 and over age group has changed very little since 1921. At that time it was only 5 per cent, increasing gradually to 5.6 per cent by 1951. In the last decade it moved up to 7.7 per cent and in arriving at the projection it has been estimated to rise to 8 per cent by 1971 and remain at that level thereafter.

5. Changes in the Level of the Ontario Labour Force

One of the predominant characteristics respecting the level of the Ontario labour force is the fact that there have been marked decennial changes. There have also been significant differences in the rate of change as between the male and female components of the labour force. These changes are indicated in Table 10.

TABLE 10

ONTARIO LABOUR FORCE, 15 YEARS AND OVER
1911-1961, PROJECTED 1971 AND 1981

	Males		Females		Total	
		% Change 10 years		% Change 10 years		% Change 10 years
1911	829.2	-	151.7	-	980.9	-
1921	917.8	10.7	193.5	27.4	1,111.4	13.3
1931	1,094.0	19.2	249.1	28.7	1,343.1	20.8
1941	1,137.6	4.0	314.5	26.3	1,452.1	8.1
1951	1,438.1	26.4	444.4	41.3	1,882.5	29.6
1961	1,700.6	18.3	692.4	55.8	2,393.0	27.1
1971 A	1,947.6	14.5	884.4	27.7	2,832.0	18.3
B	2,019.4	18.7	916.0	32.3	2,935.4	22.7
1981 A	2,292.6	17.7	1,086.0	22.8	3,378.6	19.3
B	2,449.6	21.3	1,159.5	26.6	3,609.1	23.0

Source: D.B.S. Census of Canada, Labour Force, Vol. 3. 1-1.

Data for 1971 and 1981 are projections based on migration assumptions A and B as described in the text.

For each decade between 1911 and 1961 the increase in the female labour force has been markedly greater than for males. At no time has the rate of increase in the female portion been less than 26 per cent per decade. The greatest increases occurred between 1941 and 1951 and between 1951 and 1961. In the former decade the increase was 41.3 per cent rising to 55.8 per cent in the latter. With respect to future projections of the female labour force it is expected that the number of females will continue to increase at a faster rate than males. In the decade 1961-1971 the number of females (Assumption A) will increase at almost twice the rate of males. Between 1971 and 1981 the differential rate of growth will not be as great.

The projections indicate that the total percentage increases in the labour force in the decades 1961-1971 and 1971-1981 will be less than occurred in the two decades prior to 1961. Significant changes which are anticipated both with respect to age groups and regional distributions are discussed below.

6. Age Distribution

Appendix tables C-1, C-2 and C-3 present breakdowns by age groups of the projected number of males and females in the Ontario labour force. Both actual numbers and percentage distributions for assumptions A and B are tabulated. The changes have important implications because they influence the nature and level of future social investment.

In the decade 1961 to 1971 the labour force projections (Assumption A) indicate that the proportion of males in the young age groups will become a larger component of the total than they were in 1961. Contrasted with this is the expectation that the number of males in the age groups 25-34 and 35-44 will decline as a proportion of all males in the labour force. The former age group is expected to decline from 25.2 per cent to 20.6 per cent, while the latter is expected to decline from 24.4 per cent of the total male labour force to 22.0 per cent.

For all other male groups, except those 65 years and over, their proportion of the total is expected to increase during the next decade. The decline in proportion of males aged 65 and over is not expected to be large - from 4.3 per cent to 4.1 per cent of the total.

The percentage changes projected for each age group in the male population and labour force in the period 1961-1971 are given in Table 11. This table indicates that the greatest labour force increase is expected to be in the 20-24 age group - almost 60 per cent. This rate of change is four times the rate projected for the total male labour force between 1961 and 1971. The second highest increase in this period (30.2 per cent) is expected to occur in the 15-19 age group. The 35-44 age group is projected to increase by only 2.9 per cent over the decade under review, while the 25-34 age group is expected to register an absolute decline of about 6.3 per cent.

Analysis of the male labour force projections (Assumption A) for the decade 1971 to 1981 shows that the proportion in the 15-19 age group will decline from 6.1 per cent of the total male labour force in 1971 to 4.9 per cent in 1981 or slightly less than their proportion of the total in 1961. In fact an absolute decline of 5.3 per cent is expected.

TABLE 11

DECENNIAL PERCENTAGE CHANGES IN THE ONTARIO POPULATION
AND LABOUR FORCE, BY AGE GROUPS, 1961-1971 AND 1971-1981

	Assumption A				Assumption B			
	Pop.	L.F.	Pop.	L.F.	Pop.	L.F.	Pop.	L.F.
	1961-1971		1971-1981		1961-1971		1971-1981	
Male								
15-19	55.6	30.2	15.1	- 5.3	59.0	33.1	18.9	- 2.1
20-24	61.4	57.9	24.6	23.2	67.6	63.9	27.5	26.0
25-34	- 5.6	- 6.3	57.2	57.2	1.0	0.2	58.8	58.7
35-44	4.1	2.9	- 5.7	- 5.7	8.6	7.4	- 0.2	- 0.2
45-49	24.5	23.2	- 6.7	- 7.7	27.4	26.0	- 2.1	- 3.1
50-54	22.1	23.1	17.1	15.9	24.3	25.4	20.8	19.5
55-59	30.3	28.3	25.0	25.0	32.2	30.1	27.6	27.6
60-64	29.1	24.8	22.7	21.1	30.7	26.3	24.8	23.2
65 +	24.4	10.4	29.0	15.2	25.4	11.4	30.1	16.2
Total	20.9	14.5	20.4	17.7	24.9	18.7	23.8	21.3
Female								
15-19	55.3	32.8	15.1	- 0.7	58.8	35.9	18.9	2.4
20-24	49.6	53.7	25.1	25.1	55.4	59.7	28.0	28.0
25-34	- 2.8	0.7	50.8	50.9	4.0	7.8	52.3	52.3
35-44	1.6	12.3	- 3.1	9.0	6.0	17.2	2.6	15.4
45-49	33.2	42.2	-10.0	1.4	36.3	45.6	- 5.5	3.5
50-54	27.8	43.2	15.2	26.3	30.1	45.9	19.0	30.2
55-59	34.1	49.6	33.2	48.0	36.1	51.8	36.0	51.0
60-64	29.3	40.9	27.7	37.6	30.8	42.4	30.0	40.2
65 +	30.7	37.6	29.5	29.4	31.7	38.6	31.2	31.3
Total	22.2	27.7	20.6	22.8	26.2	32.3	24.0	26.6
Males and Females								
15-19	55.4	31.5	15.1	- 3.2	58.9	34.4	18.9	- 0.1
20-24	55.4	56.3	24.9	23.9	61.4	62.3	27.7	26.7
25-34	- 4.2	- 4.5	54.0	55.5	2.5	2.2	55.6	57.0
35-44	2.8	5.5	- 4.4	- 1.4	7.3	10.1	1.2	4.4
45-49	28.8	28.7	- 8.4	- 5.7	31.7	31.6	- 3.8	- 1.0
50-54	24.8	28.7	16.2	19.1	27.1	31.1	19.9	22.9
55-59	32.2	33.9	29.1	31.6	34.1	35.9	31.8	34.4
60-64	29.2	28.6	25.3	25.4	30.8	30.1	27.5	27.6
65 +	27.8	16.5	29.3	19.0	28.9	17.4	30.7	20.2
Total	21.6	18.3	20.5	19.3	25.6	22.7	23.9	23.0

However, the groups making up the majority of the new entrants and the young and fairly mobile workers, the 20 to 34 year age group, will account for a larger proportion of the total in 1981 than in 1971 while the 35-54 year age category will provide a smaller proportion of the total. The 55-64 year olds are also expected to account for a slightly larger proportion of the male labour force in 1981 than in 1971, and the over 65's will probably maintain their relative position in the total.

Inspection of assumption A projections for the female labour force indicates that between 1961-1971 the proportion of the female work force in the 15-19 and the 20-24 age groups will increase. Similar to the males, the proportion of females in the 25-34 and 35-44 age group are projected to decline. All females in the higher age groups are expected to increase as a proportion of the total during this period.

In terms of expected absolute changes between 1961 and 1971 in the number of females in the labour force, those in the 20-24 age group will increase the most - by 53.7 per cent. The highest male increase (57.9 per cent) also occurs in this age group. Virtually no change (0.7 per cent) is expected in the number of women in the labour force age group 25-34. However, at ages 35-44 males are expected to increase by 2.9 per cent while the female increase will be four times this rate. At age 45 and over, the percentage change for females is expected to be about twice as high as for males. In the 65 and over labour force age group the number of females will increase more than three times as fast as males.

In the second decade 1971 to 1981 the proportion of females at the youngest age group (15-19) will probably decline from 10.9 per cent of the total female labour force to 8.8 per cent of the total. There may be a slight decline in absolute numbers. The proportion of females in the next two age groups (20-24 and 25-34) like their male counterparts are expected to increase. The proportion of females in the 35-44 and 45-54 age groups will decline, but at age 55 the proportions of the total female labour force for each age group will increase. In absolute terms the number of females in the decade 1971 to 1981 will increase the most in the 25-34 and 55-59

age groups - 51 per cent and 48 per cent respectively. The total female labour force is expected to grow by about 23 per cent.

Combined totals for males and females indicate that between 1961 and 1971 the greatest rate of change in numbers will be in the 20-24 age group where an increase of 56 per cent is forecast. An absolute decline will occur in the number of persons in the labour force age 25-34 (-4.5 per cent), while only a slight increase is anticipated (5.5 per cent) in the 35-44 age group.

For the decade 1971-1981 an absolute decline in the total labour force is projected for the 15-19, 35-44 and 45-49 age groups - 3.2 per cent, 1.4 per cent and 5.7 per cent respectively. The largest absolute increase (55.5 per cent) is anticipated in the 25-34 age group while those in the 50-54 and 65 and over age groups are expected to grow at about the same rate (19 per cent) as the labour force as a whole.

Assumption B projections of anticipated changes in the level of the Ontario labour force by age groups indicate slightly higher growth rates in all age groups. The trends in all age groups continue in the same direction except for those age groups in which absolute declines are indicated. For these, Assumption B projections indicate that declines will be less than indicated by Assumption A. For example, in the 25-34 male labour force age groups a decline of 6.3 per cent is projected to occur between 1961-1971, but under Assumption B a slight positive increase (0.2 per cent) is anticipated. Similarly, in the second decade under review (1971-1981) the anticipated declines in the male age groups, 15-19, 35-44 and 45-49 under Assumption A are expected to change from -5.3 per cent, -5.7 per cent and -7.7 per cent to -2.1 per cent, -0.2 per cent and -3.1 per cent respectively under Assumption B.

For the female labour force Assumption A projections indicate an absolute decline only for the 15-19 age group (0.7 per cent) between 1971 and 1981. Assumption B projections yield an increase of about 2.4 per cent for this same age group.

7. Regional Estimate

Reference has already been made to the methods used to estimate the future level of total Ontario and regional labour force data. At this point it should again be noted that a projection of this type is influenced by various factors which cannot be fully anticipated at the time when the projections are made. This is the case with respect to determining rates of population and labour force growth in particular economic regions.

In many areas the emergence of a single large industry could completely change the nature of the area. The depletion of mineral or other natural resources or changes in demand for those resources can result in a sudden population and labour force decline which is not always predictable. For these reasons the regional projections of labour force, population and the participation rates must be carefully interpreted and tested.

While more detailed population and labour force estimates for the ten economic regions are to be found in the appendix tables.⁽¹⁾ Appendix table B-12 provides a convenient summary of the historical and anticipated future levels of the labour force in the ten economic regions of Ontario. Table 12 ranks historical and projected rates of change and indicates whether they are above or below the Ontario average. Data prior to 1941 was not available on a basis which was sufficiently consistent to be included in the series. One of the problems was that the labour force definition prior to 1941 included persons 10 years of age and over. Moreover, age breakdowns by county were only published from 1961. Therefore, it has not been possible to construct a workable historical series which includes age breakdown and past participation rates.

Between 1941 and 1951 the table indicates that the fastest growing regional labour force was in the Metropolitan region which experienced a 30.4 per cent increase. Higher than average rates of increase occurred in three other economic regions - Niagara, Lake Erie, and Lake St. Clair.

(1) Because the regional labour force projections were made for much broader age groups (four age groups) there is a slight variation in regional totals when these are compared to Ontario totals which were forecast on the basis of nine age groups. The Ontario totals for both males and females differ from regional totals by less than 1 per cent. In specific age groups the differences were somewhat greater but were not considered to be significant.

TABLE 12

LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1941, 1951, 1961 AND PROJECTED RANKED ACCORDING TO DECENTENIAL
PERCENTAGE CHANGES (1)

Region	1941 - 1951	1951 - 1961	1961 - 1971	1971 - 1981	Total Period 1961 - 1986
Eastern Ontario	<u>7</u> -	<u>3</u> -	<u>2</u> <u>4</u>	<u>4</u> <u>8</u> -	<u>3</u> <u>6</u> -
Lake Ontario	<u>8</u> -	<u>8</u> -	<u>4</u> <u>7</u>	<u>8</u> <u>2</u>	<u>5</u> <u>2</u>
Metropolitan	<u>1</u> -	<u>1</u> -	<u>8</u> <u>2</u>	<u>7</u> <u>3</u>	<u>9</u> <u>3</u>
Niagara	<u>3</u> -	<u>7</u> -	<u>6</u> <u>5</u>	<u>9</u> <u>6</u> -	<u>8</u> <u>4</u> -
Lake Erie	<u>4</u> -	<u>4</u> -	<u>10</u> <u>2</u>	<u>6</u> <u>7</u>	<u>7</u> <u>8</u> -
Lake St. Clair	<u>2</u> -	<u>10</u> -	<u>9</u> <u>8</u> -	<u>3</u> <u>4</u> -	<u>4</u> <u>5</u>
Upper Grand	<u>5</u> -	<u>5</u> -	<u>5</u> <u>6</u> -	<u>5</u> <u>5</u>	<u>6</u> <u>7</u>
Georgian Bay	<u>10</u> -	<u>2</u> -	<u>7</u> <u>10</u>	<u>10</u> <u>10</u>	<u>10</u> <u>10</u>
Northeastern	<u>6</u> -	<u>2</u> -	<u>1</u> <u>1</u>	<u>1</u> <u>1</u>	<u>1</u> <u>1</u>
Lakehead	<u>2</u> -	<u>6</u> -	<u>3</u> <u>3</u>	<u>2</u> <u>2</u>	<u>2</u> <u>2</u>

(1) Ranked from highest to lowest percentage change during the period.
Underlined figures indicate that regional labour force grew at less than provincial rate.

Data for this decade also points up the great regional differences in the rate of economic growth as measured by changes in the labour force. For example, the labour force (Metropolitan region) between 1941 and 1951 increased at a rate ten times faster than Georgian Bay and seven times faster than the Lakehead.

In the decade 1951 to 1961, the labour force in the Metropolitan area continued to increase at a faster rate than in the previous decade - 42.2 per cent vs. 30.4 per cent. The provincial percentage increase in the labour force in the same period 1951 - 1961 was 27 per cent. Virtually all of this increase can be attributed to the Metropolitan region because no other region grew at a rate equal to or greater than the Ontario average.

During this decade, however, the discrepancy between the Metropolitan region and the slowest growing area was significantly less than between 1941 and 1951. The increase in the Lake St. Clair region labour force between 1951 - 1961 was one-quarter than of the Metropolitan region. Georgian Bay ranked second lowest of all the regions during this decade. It increased at a rate which was but 30 per cent of that in the Metropolitan area. No change in the rate of increase was evident in the Lake Erie region (22.7 per cent in both decades). Lower rates of increase were experienced in the Niagara and Lake St. Clair economic regions.

Table 12 indicates that between 1961 and 1971 the rate of regional labour force increase is expected to be more uniform geographically than has been the case in the decade of the 1940's and 1950's. On the basis of both Assumptions A and B, the largest anticipated increase in labour force will be in the North-eastern region where the labour force is expected to increase by about 25 per cent and 28 per cent respectively, followed by Eastern Ontario (21 per cent and 23 per cent), the Lakehead (20 per cent and 23 per cent) and Lake Ontario (19 per cent and 21 per cent). Less than average increases (Assumption A data) are anticipated in every other region.

On the other hand, if labour force growth comparisons are made based on the higher immigration assumption (Assumption B) then between 1961 and 1971, Lake Ontario, Niagara, Lake Erie, Lake St. Clair, Upper Grand

River and Georgian Bay, are expected to have less than average rates of increase. It should be noted that even though the labour force in the Northeastern region is expected to increase at a faster rate than any other region in the province. This region will still account for only about 7 per cent of the total Ontario labour force.

In the decade 1971 to 1981 the labour force forecast suggests that the slowest rate of change (16 per cent) will occur (Assumption A) in the Georgian Bay region. The projections also show that higher than average increases will occur in only Eastern Ontario, Northeastern Ontario and the Lakehead. However, if higher migration rates are used (Assumption B) then higher than average increases can be expected only in the Metropolitan region, Northeastern and Lakehead regions.

A comparison of the total percentage increase over the entire period of the forecast (1961 - 1986) indicated that if migration is low the Ontario labour force will probably increase by 53.5 per cent. Four regions would grow at a slower rate. Metropolitan, Niagara, Lake Erie and Georgian Bay.

On the basis of higher levels of immigration (Assumption B) Eastern Ontario, Lake Ontario, Niagara, Lake Erie, Lake St. Clair, Upper Grand River and Georgian Bay will experience a rate of increase which is less than the forecast provincial average of 66.4 per cent.

A 1
POPULATION PROJECTIONS, 1961-1986

GRAND TOTAL ONTARIO

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	740,193	781,300	867,400	1,030,300	1,209,700	1,378,900
5- 9	674,519	738,800	777,400	862,100	1,024,000	1,201,800
10-14	593,037	676,200	741,500	779,500	863,300	1,025,200
15-19	436,883	595,400	679,100	744,200	781,500	865,200
20-24	386,966	442,200	601,400	685,700	751,000	788,200
25-29	422,651	393,500	448,000	606,900	691,700	757,000
30-34	459,825	427,600	397,500	451,600	610,300	695,300
35-39	469,312	462,100	429,600	399,200	453,100	611,400
40-44	397,251	468,300	461,300	428,800	398,500	451,900
45-49	360,749	394,000	464,500	457,700	425,600	395,400
50-54	309,795	353,700	386,700	456,000	449,200	417,600
55-59	258,327	299,000	341,400	373,600	440,700	434,200
60-64	218,511	243,800	282,300	322,800	353,600	417,500
65-69	180,063	199,400	222,500	258,000	295,400	324,200
70-74	146,322)					
75-79	97,734)	378,300	426,900	478,300	544,000	624,000
80-84	53,466)					
85 +	30,488)					
Total	6,236,092	6,853,600	7,527,500	8,334,700	9,291,600	10,387,800

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	740,193	804,800	913,700	1,097,600	1,302,800	1,474,100
5- 9	674,519	748,100	805,300	911,200	1,094,000	1,296,200
10-14	593,037	683,000	759,900	815,200	918,800	1,102,200
15-19	436,883	602,500	694,300	771,900	825,200	928,700
20-24	386,966	456,100	624,700	719,200	797,900	850,600
25-29	422,651	410,500	477,900	647,100	743,500	822,200
30-34	459,825	441,700	426,400	492,900	662,800	759,800
35-39	469,312	471,900	452,500	435,600	501,600	671,600
40-44	397,251	474,500	477,200	457,000	439,100	504,500
45-49	360,749	398,100	475,200	477,900	457,100	438,700
50-54	309,795	356,500	393,700	469,700	472,000	451,100
55-59	258,327	301,000	346,300	382,900	456,600	458,600
60-64	218,511	245,200	285,700	329,000	364,200	434,300
65-69	180,063	200,300	224,800	262,200	302,400	335,400
70-74	146,322)					
75-79	97,734)	379,500	429,900	483,800	553,300	638,700
80-84	53,466)					
85 +	30,488)					
Total	6,236,092	6,973,700	7,787,500	8,753,200	9,891,300	11,166,700

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

POPULATION PROJECTIONS, 1961-1986

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	1961(1)	1966	1971	1976	1981	1986
0- 4	93,871	99,600	113,200	133,900	154,300	174,400
5- 9	87,181	93,300	98,800	112,300	132,900	153,200
10-14	79,776	87,100	93,300	98,800	112,300	132,800
15-19	60,904	79,900	87,200	93,400	98,800	112,100
20-24	51,410	61,200	80,000	87,500	93,700	99,000
25-29	50,913	51,800	61,400	80,200	87,800	93,900
30-34	52,292	51,200	51,900	61,500	80,300	87,800
35-39	55,166	52,400	51,200	51,800	61,400	80,100
40-44	49,967	54,800	52,100	50,800	51,600	61,000
45-49	44,884	49,500	54,400	51,700	50,500	51,200
50-54	37,435	43,900	48,400	53,300	50,700	49,400
55-59	29,721	36,000	42,400	46,600	51,400	48,900
60-64	25,697	28,000	34,000	39,900	44,200	48,600
65-69	21,902	23,400	25,600	31,000	36,500	40,600
70-74	18,081)	46,800	51,800	57,000	64,900	75,700
75-79	12,039)					
80-84	7,028)					
85 +	4,264)					
Total	782,531	858,900	945,700	1,049,700	1,171,300	1,308,700

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Age Group	1961(1)	1966	1971	1976	1981	1986
0- 4	93,871	101,100	116,300	138,400	160,600	180,800
5- 9	87,181	93,900	100,600	115,600	137,500	159,500
10-14	79,776	87,600	94,600	101,200	116,000	137,800
15-19	60,904	80,300	88,200	95,300	101,700	116,400
20-24	51,410	62,100	81,600	89,700	96,900	103,200
25-29	50,913	52,900	63,500	82,900	91,200	98,300
30-34	52,292	52,100	53,800	64,200	83,800	92,100
35-39	55,166	53,100	52,700	54,300	64,700	84,200
40-44	49,967	55,200	53,200	52,700	54,300	64,600
45-49	44,884	49,800	55,100	53,000	52,600	54,100
50-54	37,435	44,100	48,900	54,200	52,200	51,600
55-59	29,721	36,100	42,700	47,300	52,500	50,500
60-64	25,697	28,100	34,300	40,300	44,900	49,700
65-69	21,902	23,500	25,600	31,300	37,000	41,200
70-74	18,081)	46,900	52,000	57,200	65,700	76,700
75-79	12,039)					
80-84	7,028)					
85 +	4,264)					
Total	782,531	866,800	963,100	1,077,600	1,211,600	1,360,700

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

POPULATION PROJECTIONS, 1961-1986

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	39,769	40,200	48,000	59,500	69,200	76,900
5- 9	38,404	39,600	39,900	47,800	59,100	68,700
10-14	35,301	38,400	39,500	39,900	47,800	59,000
15-19	25,266	35,200	38,300	39,500	39,800	47,700
20-24	18,437	25,200	35,300	38,200	39,400	39,800
25-29	19,603	18,400	25,200	35,100	38,200	39,300
30-34	21,241	19,600	18,500	25,200	35,100	38,100
35-39	22,230	21,300	19,500	18,400	25,100	34,900
40-44	20,822	22,100	21,100	19,400	18,300	25,000
45-49	19,156	20,500	21,800	20,800	19,200	18,100
50-54	16,565	18,700	20,100	21,300	20,300	18,700
55-59	13,689	16,000	18,000	19,400	20,600	19,600
60-64	11,839	12,900	15,100	17,100	18,300	19,500
65-69	10,822	10,800	11,900	13,800	15,700	16,900
70-74	9,226)					
75-79	6,466)	24,100	25,200	27,000	29,900	33,700
80-84	3,852)					
85 +	2,375)					
Total	335,063	363,000	397,400	442,400	496,000	555,900

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	39,769	40,700	49,100	60,900	71,100	78,900
5- 9	38,404	39,600	40,500	48,800	60,600	70,600
10-14	35,301	38,500	39,900	40,600	49,000	60,600
15-19	25,266	35,400	38,600	40,100	40,700	49,000
20-24	18,437	25,500	35,700	39,000	40,400	41,100
25-29	19,603	18,800	25,800	35,900	39,300	40,700
30-34	21,241	19,900	19,100	26,000	36,200	39,500
35-39	22,230	21,400	20,000	19,100	26,100	36,200
40-44	20,822	22,200	21,400	20,000	19,200	26,100
45-49	19,156	20,600	22,000	21,200	19,900	19,000
50-54	16,565	18,800	20,200	21,600	20,800	19,500
55-59	13,689	16,100	18,100	19,600	20,900	20,200
60-64	11,839	12,900	15,200	17,200	18,500	19,800
65-69	10,822	10,800	12,000	13,900	15,800	17,200
70-74	9,226)					
75-79	6,466)	24,100	25,300	27,200	30,100	33,900
80-84	3,852)					
85 +	2,375)					
Total	335,063	365,300	402,900	451,100	508,600	572,300

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

A 4
POPULATION PROJECTIONS, 1961-1986

METROPOLITAN

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	1961(1)	1966	1971	1976	1981	1986
0- 4	238,228	254,700	261,900	300,500	357,400	413,600
5- 9	206,096	239,600	254,000	260,600	299,200	355,600
10-14	174,634	207,900	241,400	255,600	261,800	300,500
15-19	125,176	177,200	210,300	243,800	257,600	263,700
20-24	132,583	130,200	181,900	215,600	249,200	262,800
25-29	160,951	137,800	133,700	185,500	219,400	253,000
30-34	176,956	164,900	140,100	135,900	187,700	221,800
35-39	174,732	179,700	166,300	141,400	137,200	189,000
40-44	139,906	175,500	179,700	166,400	141,500	137,300
45-49	126,269	139,500	174,300	178,800	165,400	140,700
50-54	108,678	124,400	137,300	171,500	175,800	162,700
55-59	87,783	105,400	120,200	132,800	166,000	170,300
60-64	72,866	83,100	99,500	113,800	125,900	157,400
65-69	58,380	66,700	75,900	91,000	104,000	115,400
70-74	47,842)	122,000	140,000	159,600	186,100	216,800
75-79	31,177)					
80-84	16,388)					
85 +	8,900)					
Total	2,087,545	2,308,600	2,516,500	2,752,800	3,034,200	3,360,600

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Age Group	1961(1)	1966	1971	1976	1981	1986
0- 4	238,228	267,500	287,100	337,400	408,300	465,700
5- 9	206,096	244,800	269,300	287,500	337,600	407,300
10-14	174,634	211,700	251,500	275,200	292,200	342,700
15-19	125,176	181,000	218,600	258,900	281,400	298,400
20-24	132,583	137,800	194,700	233,900	274,900	297,000
25-29	160,951	147,100	150,100	207,500	247,700	288,600
30-34	176,956	172,600	155,900	158,600	216,400	257,100
35-39	174,732	185,100	178,800	161,300	163,700	221,900
40-44	139,906	178,700	188,500	181,700	163,700	166,000
45-49	126,269	141,700	180,100	189,800	182,700	164,400
50-54	108,678	125,900	141,000	179,000	188,300	181,000
55-59	87,783	106,400	122,900	137,900	174,700	183,500
60-64	72,866	83,900	101,300	117,200	131,700	166,600
65-69	58,380	67,200	77,100	93,200	107,900	121,500
70-74	47,842)	122,700	141,500	162,600	191,100	224,900
75-79	31,177)					
80-84	16,388)					
85 +	8,900)					
Total	2,087,545	2,374,100	2,658,400	2,981,700	3,362,300	3,786,600

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

A 5
POPULATION PROJECTIONS, 1961-1986

NIAGARA

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	<u>1961(1)</u>	<u>1966</u>	<u>1971</u>	<u>1976</u>	<u>1981</u>	<u>1986</u>
0- 4	87,576	88,600	100,100	120,900	141,500	157,800
5- 9	82,763	87,500	88,300	99,700	120,300	140,800
10-14	73,776	83,000	87,900	88,700	99,900	120,500
15-19	53,866	74,000	83,400	88,200	89,000	100,200
20-24	44,293	54,400	74,800	84,100	89,000	89,700
25-29	48,375	45,000	55,200	75,600	85,000	89,900
30-34	55,545	48,900	45,600	55,700	76,100	85,600
35-39	59,605	55,900	49,200	45,900	56,100	76,300
40-44	49,757	59,400	56,000	49,300	45,900	56,000
45-49	45,266	49,400	59,000	55,600	49,000	45,600
50-54	38,332	44,400	48,600	58,100	54,700	48,200
55-59	32,429	37,000	43,000	47,100	56,300	52,900
60-64	27,527	30,600	35,000	40,700	44,600	53,300
65-69	22,630	25,200	28,000	32,100	37,400	41,000
70-74	18,480)					
75-79	12,212)	47,300	53,600	60,100	67,900	78,400
80-84	6,245)					
85 +	3,611)					
Total	<u>762,288</u>	<u>830,600</u>	<u>907,700</u>	<u>1,001,800</u>	<u>1,112,700</u>	<u>1,236,200</u>

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Age Group	<u>1961(1)</u>	<u>1966</u>	<u>1971</u>	<u>1976</u>	<u>1981</u>	<u>1986</u>
0- 4	87,576	91,500	106,000	129,300	153,200	169,800
5- 9	82,763	88,700	91,800	105,900	129,200	152,700
10-14	73,776	83,800	90,200	93,200	106,900	130,200
15-19	53,866	75,000	85,300	91,700	94,500	108,200
20-24	44,293	56,100	77,700	88,300	95,000	97,600
25-29	48,375	47,100	59,000	80,600	91,500	98,200
30-34	55,545	50,700	49,300	61,200	82,700	93,700
35-39	59,605	57,200	52,200	50,500	62,200	83,900
40-44	49,757	60,200	58,000	52,900	51,000	62,600
45-49	45,266	49,900	60,400	58,200	52,900	51,000
50-54	38,332	44,800	49,500	59,900	57,600	52,400
55-59	32,429	37,300	43,600	48,200	58,300	56,000
60-64	27,527	30,700	35,400	41,500	45,900	55,500
65-69	22,630	25,300	28,300	32,600	38,300	42,400
70-74	18,480)					
75-79	12,212)	47,400	54,000	60,700	69,200	80,300
80-84	6,245)					
85 +	3,611)					
Total	<u>762,288</u>	<u>845,700</u>	<u>940,700</u>	<u>1,054,700</u>	<u>1,188,400</u>	<u>1,334,500</u>

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

A 6
POPULATION PROJECTIONS, 1961-1986

LAKE ERIE

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0-4	45,873	52,100	58,700	68,500	78,700	90,300
5-9	42,248	45,700	51,800	58,400	68,100	78,000
10-14	38,142	42,300	45,900	51,800	58,300	68,100
15-19	29,820	38,200	42,400	45,900	51,900	58,300
20-24	25,774	30,000	38,500	42,600	46,300	52,100
25-29	25,324	26,100	30,300	38,700	43,000	46,500
30-34	27,351	25,600	26,200	30,500	38,000	43,100
35-39	28,845	27,400	25,600	26,300	30,400	38,900
40-44	25,107	28,800	27,400	25,600	26,100	30,400
45-49	23,341	24,900	28,400	27,100	25,300	26,000
50-54	20,860	22,900	24,400	28,000	26,600	24,900
55-59	18,208	20,000	22,000	23,500	26,900	25,700
60-64	15,616	17,300	19,000	20,900	22,300	25,600
65-69	13,304	14,300	15,800	17,500	19,200	20,500
70-74	10,697)	28,400	31,800	35,100	38,900	43,100
75-79	7,548)					
80-84	4,449)					
85 +	2,751)					
Total	405,258	444,000	488,200	540,400	600,800	671,500

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0-4	45,873	53,300	61,100	72,000	83,600	95,200
5-9	42,248	46,200	53,300	60,900	71,700	83,000
10-14	38,142	42,600	46,800	53,600	61,200	72,100
15-19	29,820	38,500	43,200	47,300	54,200	61,600
20-24	25,774	30,700	39,700	44,400	48,600	55,300
25-29	25,324	27,000	31,900	40,800	45,600	49,900
30-34	27,351	26,300	27,700	32,600	41,600	46,400
35-39	28,845	28,000	26,800	28,200	33,000	42,000
40-44	25,107	29,100	28,200	27,000	28,300	33,100
45-49	23,341	25,100	29,000	28,200	26,900	28,300
50-54	20,860	23,000	24,700	28,700	27,800	26,600
55-59	18,208	20,100	22,300	24,000	27,700	27,000
60-64	15,616	17,400	19,200	21,200	22,800	26,500
65-69	13,304	14,400	15,900	17,700	19,500	21,100
70-74	10,697)	28,500	32,000	35,400	39,400	43,800
75-79	7,548)					
80-84	4,449)					
85 +	2,751)					
Total	405,258	450,200	501,800	562,000	631,900	711,900

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

A 7
POPULATION PROJECTIONS, 1961-1986

LAKE ST. CLAIR

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	<u>1961(1)</u>	<u>1966</u>	<u>1971</u>	<u>1976</u>	<u>1981</u>	<u>1986</u>
0- 4	54,606	56,100	65,200	79,700	93,900	106,200
5- 9	51,259	54,100	55,900	64,700	79,100	93,200
10-14	45,037	51,200	54,300	55,900	64,800	79,200
15-19	33,249	44,800	51,200	54,300	55,900	64,800
20-24	26,062	32,800	44,700	51,100	54,200	55,900
25-29	27,005	25,900	33,200	45,000	51,400	54,600
30-34	30,463	26,900	26,200	33,500	45,300	51,600
35-39	32,046	30,400	27,100	26,300	33,600	45,400
40-44	27,267	31,800	30,400	27,100	26,300	33,500
45-49	24,697	26,900	31,600	30,100	26,900	26,100
50-54	21,702	24,100	26,400	30,900	29,500	26,300
55-59	20,150	20,900	23,300	25,500	29,900	28,500
60-64	17,855	19,100	19,800	22,100	24,200	28,500
65-69	14,538	16,300	17,400	18,200	20,400	22,300
70-74	10,932)					
75-79	7,001)	28,300	32,500	36,500	39,700	43,500
80-84	3,900)					
85 +	2,007)					
Total	<u>449,776</u>	<u>489,600</u>	<u>539,200</u>	<u>600,900</u>	<u>675,100</u>	<u>759,600</u>

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Group Age	<u>1961(1)</u>	<u>1966</u>	<u>1971</u>	<u>1976</u>	<u>1981</u>	<u>1986</u>
0- 4	54,606	57,300	67,500	83,000	98,400	110,900
5- 9	51,259	54,600	57,200	67,200	82,500	97,800
10-14	45,037	51,500	55,200	57,600	67,500	83,000
15-19	33,249	45,200	52,000	55,700	58,100	67,900
20-24	26,062	33,500	45,800	52,700	56,500	58,900
25-29	27,005	26,700	34,700	47,000	54,000	57,800
30-34	30,463	27,600	27,700	35,400	47,900	54,800
35-39	32,046	30,800	28,200	28,100	36,000	48,300
40-44	27,267	32,200	31,200	28,500	28,300	36,100
45-49	24,697	27,100	32,100	31,100	28,400	28,200
50-54	21,702	24,200	26,700	31,500	30,600	28,000
55-59	20,150	21,000	23,500	25,900	30,700	29,700
60-64	17,855	19,200	20,000	22,400	24,700	29,300
65-69	14,538	16,300	17,500	18,400	20,700	22,900
70-74	10,932)					
75-79	7,001)	28,500	32,700	36,800	40,200	44,200
80-84	3,900)					
85 +	2,007)					
Total	<u>449,776</u>	<u>495,700</u>	<u>552,000</u>	<u>621,300</u>	<u>704,500</u>	<u>797,800</u>

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

A 8
POPULATION PROJECTIONS, 1961-1986

UPPER GRAND RIVER

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	43,428	45,400	51,600	61,700	71,700	81,000
5- 9	40,913	43,300	45,200	51,400	61,300	71,300
10-14	36,040	41,000	43,400	45,200	51,400	61,400
15-19	28,099	36,100	41,100	43,500	45,300	51,500
20-24	22,659	28,200	36,300	41,400	43,800	45,600
25-29	22,988	22,900	28,600	36,600	41,600	44,000
30-34	25,404	23,200	23,100	28,700	36,800	41,800
35-39	25,863	24,600	23,300	23,200	28,800	36,800
40-44	22,516	25,800	24,500	23,300	23,200	28,700
45-49	20,754	22,300	25,600	24,300	23,100	22,900
50-54	18,636	20,400	21,900	25,100	23,900	22,600
55-59	16,288	18,000	19,700	21,200	24,300	23,200
60-64	13,904	15,400	17,100	18,700	20,200	23,300
65-69	11,924	12,800	14,200	15,800	17,300	18,700
70-74	9,867)					
75-79	6,971)	26,200	29,000	32,200	35,800	39,900
80-84	4,033)					
85 +	2,426)					
Total	372,713	405,600	444,600	492,300	548,500	612,700

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	43,428	46,400	53,600	64,600	75,800	85,200
5- 9	40,913	43,700	46,400	53,500	64,400	75,400
10-14	36,040	41,300	44,200	46,800	53,900	64,800
15-19	28,099	36,400	41,800	44,700	47,200	54,300
20-24	22,659	28,900	37,400	42,800	45,800	48,400
25-29	22,988	23,700	29,900	38,400	43,900	46,800
30-34	25,404	23,800	24,400	30,500	39,000	44,600
35-39	25,863	25,000	24,300	24,800	30,900	39,400
40-44	22,516	26,100	25,200	24,500	25,000	31,100
45-49	20,754	22,500	26,100	25,200	24,500	24,800
50-54	18,636	20,500	22,300	25,700	24,900	24,100
55-59	16,288	18,100	19,900	21,600	25,100	24,300
60-64	13,904	15,500	17,200	19,000	20,700	24,000
65-69	11,924	12,900	14,400	16,000	17,700	19,200
70-74	9,867)					
75-79	6,971)	26,200	29,100	32,500	35,800	40,600
80-84	4,033)					
85 +	2,426)					
Total	372,713	411,000	456,200	510,600	574,600	647,000

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

A 9
POPULATION PROJECTIONS, 1961-1986

GEORGIAN BAY

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

<u>Age Group</u>	<u>1961(1)</u>	<u>1966</u>	<u>1971</u>	<u>1976</u>	<u>1981</u>	<u>1986</u>
0- 4	35,607	36,700	45,200	55,600	63,400	69,600
5- 9	35,796	35,300	36,500	44,700	55,100	62,900
10-14	33,691	35,700	35,300	36,500	44,700	55,000
15-19	25,300	33,600	35,600	35,300	36,300	44,600
20-24	17,118	25,100	33,400	35,500	35,100	36,400
25-29	17,018	17,000	25,100	33,400	35,400	35,100
30-34	18,569	16,900	17,100	25,100	33,400	35,500
35-39	19,739	18,500	17,000	17,100	25,100	33,300
40-44	19,136	19,500	18,400	16,800	17,000	24,900
45-49	18,131	18,900	19,300	18,200	16,600	16,800
50-54	16,582	17,700	18,400	18,900	17,800	16,300
55-59	14,420	16,000	17,100	17,900	18,300	17,300
60-64	13,036	13,600	15,200	16,300	17,100	17,400
65-69	11,622	11,900	12,500	13,900	15,000	15,700
70-74	9,639)	25,700	28,000	29,800	32,400	35,000
75-79	6,865)					
80-84	4,087)					
85 +	2,388)					
Total	318,744	342,100	374,100	415,000	462,700	515,800

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

<u>Age Group</u>	<u>1961(1)</u>	<u>1966</u>	<u>1971</u>	<u>1976</u>	<u>1981</u>	<u>1986</u>
0- 4	35,607	37,200	46,000	56,900	65,200	71,400
5- 9	35,796	35,500	37,000	45,600	56,400	64,700
10-14	33,691	35,900	35,700	37,200	45,700	56,400
15-19	25,300	33,700	35,800	35,800	37,200	45,800
20-24	17,118	25,400	33,900	36,200	35,900	37,500
25-29	17,018	17,400	25,700	34,200	36,400	36,300
30-34	18,569	17,200	17,600	25,900	34,400	36,800
35-39	19,739	18,700	17,400	17,800	26,000	34,500
40-44	19,136	19,700	18,700	17,400	17,700	25,900
45-49	18,131	19,000	19,500	18,600	17,300	17,600
50-54	16,582	17,700	18,600	19,200	18,200	16,900
55-59	14,420	16,000	17,200	18,100	18,600	17,800
60-64	13,036	13,600	15,300	16,500	17,300	17,700
65-69	1,622	11,900	12,600	14,000	15,100	15,900
70-74	9,639)	25,800	28,100	29,900	32,600	35,300
75-79	6,865)					
80-84	4,087)					
85 +	2,388)					
Total	318,744	344,700	379,100	423,300	474,000	530,500

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

A 10
POPULATION PROJECTIONS, 1961-1986

NORTHEASTERN ONTARIO

ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	73,113	77,900	88,900	107,800	129,500	151,600
5- 9	64,251	72,500	77,200	88,200	107,000	128,500
10-14	54,163	64,100	72,600	77,300	88,000	106,800
15-19	39,674	54,000	64,100	72,400	77,100	88,000
20-24	35,094	39,600	54,100	64,100	72,400	77,100
25-29	36,085	35,100	39,600	54,200	64,200	72,600
30-34	36,520	36,000	35,200	39,800	54,200	64,200
35-39	35,299	36,400	36,100	35,200	39,700	54,100
40-44	29,109	35,000	36,200	35,800	35,000	39,400
45-49	25,733	28,700	34,600	35,800	35,400	34,500
50-54	20,846	25,000	27,900	33,700	34,900	34,600
55-59	17,143	19,900	23,900	26,800	32,300	33,400
60-64	13,434	15,900	18,500	22,200	24,900	30,100
65-69	9,853	12,000	14,200	16,600	20,000	22,400
70-74	7,315)					
75-79	4,724)	18,800	22,700	26,900	31,900	38,200
80-84	2,177)					
85 +	1,118)					
Total	505,651	570,900	645,800	736,800	846,500	975,500

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	73,113	79,100	91,100	111,000	134,000	156,100
5- 9	64,251	73,000	78,600	90,600	110,300	133,000
10-14	54,163	64,400	73,400	79,000	90,600	110,600
15-19	39,674	54,400	64,900	73,800	79,200	91,100
20-24	35,094	40,200	55,200	65,700	74,700	80,100
25-29	36,085	35,900	41,100	56,100	66,700	75,700
30-34	36,520	36,700	36,500	41,700	56,800	67,300
35-39	35,299	36,900	37,100	36,900	42,000	56,900
40-44	29,109	35,300	37,000	37,200	36,900	41,900
45-49	25,733	28,900	35,100	36,800	36,900	36,700
50-54	20,846	25,200	28,300	34,400	36,000	36,200
55-59	17,143	20,000	24,100	27,200	33,000	34,500
60-64	13,434	16,000	18,600	22,500	25,500	30,900
65-69	9,853	12,000	14,300	16,800	20,300	23,000
70-74	7,315)					
75-79	4,724)	18,800	22,800	27,200	32,400	38,900
80-84	2,177)					
85 +	1,118)					
Total	505,651	576,800	658,100	756,900	875,300	1,012,900

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

POPULATION PROJECTIONS, 1961-1986ASSUMPTION A NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	28,122	30,000	34,600	42,200	50,100	57,500
5- 9	25,608	27,900	29,800	34,300	41,900	49,600
10-14	22,477	25,500	27,900	29,800	34,300	41,900
15-19	15,529	22,400	25,500	27,900	29,800	34,300
20-24	13,536	15,500	22,400	25,600	27,900	29,800
25-29	14,389	13,500	15,700	22,600	25,700	28,100
30-34	15,484	14,400	13,600	15,700	22,600	25,800
35-39	15,787	15,500	14,300	13,600	15,700	22,600
40-44	13,664	15,600	15,500	14,300	13,600	15,700
45-49	12,518	13,400	15,500	15,300	14,200	13,500
50-54	10,159	12,200	13,300	15,200	15,000	13,900
55-59	8,496	9,800	11,800	12,800	14,700	14,400
60-64	6,737	7,900	9,100	11,100	11,900	13,800
65-69	5,088	6,000	7,000	8,100	9,900	10,700
70-74	4,243)					
75-79	2,731)	10,700	12,300	14,100	16,500	19,700
80-84	1,307)					
85 +	648)					
Total	216,523	240,300	268,300	302,600	343,800	391,300

ASSUMPTION B NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

Age Group	1961 ⁽¹⁾	1966	1971	1976	1981	1986
0- 4	28,122	30,700	35,900	44,100	52,600	60,100
5- 9	25,608	28,100	30,600	35,600	43,800	52,200
10-14	22,477	25,700	28,400	30,800	35,800	44,000
15-19	15,529	22,600	25,900	28,600	31,000	36,000
20-24	13,536	15,900	23,000	26,500	29,200	31,500
25-29	14,389	13,900	16,200	23,700	27,200	29,900
30-34	15,484	14,800	14,400	16,800	24,000	27,500
35-39	15,787	15,700	15,000	14,600	17,000	24,300
40-44	13,664	15,800	15,800	15,100	14,700	17,100
45-49	12,518	13,500	15,800	15,800	15,000	14,600
50-54	10,159	12,300	13,500	15,500	15,600	14,800
55-59	8,496	9,900	12,000	13,100	15,100	15,100
60-64	6,737	7,900	9,200	11,200	12,200	14,300
65-69	5,088	6,000	7,100	8,300	10,100	11,000
70-74	4,243)					
75-79	2,731)	10,600	12,400	14,300	16,800	20,100
80-84	1,307)					
85 +	648)					
Total	216,523	243,400	275,200	314,000	360,100	412,500

(1) Source: D.B.S., Census of Canada, 1961, Vol. 1.2-2.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

B 1

GRAND TOTAL ONTARIO

	1961(1)			1966			1971			1976			1981			1986		
	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.
	%			(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)
Assumption A																		
Male																		
15-24	413,427	62.9	259,911	521.0	59	309.2	642.6	59	377.3	716.9	58	418.6	767.9	56	433.5	827.8	54	444.2
25-44	880,244	95.9	843,933	881.8	96	845.4	874.1	96	837.4	949.7	96	909.1	1,084.3	96	1,037.3	1,266.6	96	1,211.5
45-64	580,612	90.2	523,605	653.1	89	582.7	746.4	89	665.3	814.9	88	718.7	844.6	88	743.8	842.7	87	734.7
65 +	231,765	31.5	73,118	263.1	30	78.2	296.0	28	82.2	335.6	25	83.4	302.6	25	94.8	432.1	25	107.0
Total	2,106,048	80.7	1,700,567	2,319.0	78	1,815.5	2,559.1	77	1,962.2	2,817.1	76	2,129.8	3,079.4	75	2,309.4	3,369.2	74	2,497.4
Female																		
15-24	410,422	42.4	173,876	516.6	40	205.6	637.9	40	255.6	713.0	39	280.6	764.6	39	295.6	825.6	38	316.2
25-44	868,795	35.0	303,706	309.7	36	310.7	862.3	37	321.7	936.8	38	355.8	1,069.3	38	410.1	1,249.0	39	481.6
45-64	566,770	34.2	193,886	637.4	35	220.9	728.5	37	273.0	795.2	39	311.3	824.5	41	336.9	822.0	41	337.9
65 +	276,308	7.6	20,980	314.6	8	24.0	353.4	8	27.6	400.7	8	31.3	456.8	8	35.9	516.1	8	40.5
Total	2,122,295	32.6	692,448	2,338.3	33	761.2	2,582.1	34	877.9	2,845.7	34	979.0	3,115.2	35	1,078.5	3,412.7	34	1,176.2
Males and Females																		
15-24	823,849	52.7	433,787	1,037.6	50	514.8	1,280.5	49	632.9	1,429.9	49	699.2	1,532.5	48	729.1	1,653.4	46	760.4
25-44	1,749,039	65.6	1,147,639	1,751.5	66	1,156.1	1,736.4	67	1,159.1	1,886.5	67	1,264.9	2,153.6	67	1,447.4	2,515.6	67	1,693.1
45-64	1,147,382	62.5	717,491	1,290.5	62	803.6	1,474.9	64	938.3	1,610.1	64	1,030.0	1,669.1	65	1,084.9	1,664.7	64	1,472.6
65 +	508,073	18.5	94,098	577.7	18	102.2	649.4	17	109.8	736.3	16	114.7	839.4	16	130.7	948.2	16	147.5
Total	4,228,343	56.6	2,393,015	4,657.3	55	2,576.7	5,141.2	55	2,840.1	5,662.8	55	3,108.8	6,194.6	55	3,387.9	6,781.9	54	3,673.6
Assumption B																		
Male																		
15-24	413,427	62.9	259,911	530.9	59	315.2	661.6	59	388.6	745.1	58	435.5	812.9	57	459.6	891.5	54	479.0
25-44	880,244	95.9	843,933	906.1	96	868.5	923.1	96	884.6	1,022.6	96	979.5	1,181.6	96	1,131.1	1,388.5	96	1,329.4
45-64	580,612	90.2	523,605	658.2	89	586.4	759.5	89	677.1	839.7	88	740.7	885.3	88	780.4	902.1	87	786.8
65 +	231,765	31.5	73,118	264.1	30	78.5	298.5	28	82.9	339.7	25	84.4	390.0	25	96.8	443.7	25	109.9
Total	2,106,048	80.7	1,700,567	2,359.3	78	1,848.9	2,642.7	77	2,033.2	2,947.1	76	2,240.1	3,269.8	75	2,467.5	3,625.8	75	2,705.1
Female																		
15-24	410,422	42.4	173,876	527.7	40	210.0	657.4	40	264.0	746.0	39	294.3	810.2	39	314.3	887.8	39	341.9
25-44	868,795	35.0	303,706	892.5	36	319.4	910.9	37	340.7	1,010.0	38	385.5	1,165.4	39	449.8	1,369.6	39	531.6
45-64	566,770	34.2	193,886	642.6	35	222.9	741.4	37	278.0	819.8	39	321.5	864.6	41	353.6	880.6	41	362.7
65 +	276,308	7.6	20,980	315.7	8	24.0	356.2	8	27.9	406.3	8	31.7	465.7	8	36.5	530.4	8	41.8
Total	2,122,295	32.6	692,448	2,378.5	33	776.3	2,665.9	34	910.6	2,982.1	35	1,033.0	3,305.9	35	1,154.2	3,668.4	35	1,278.0
Males and Females																		
15-24	823,849	52.7	433,787	1,058.6	50	525.2	1,319.0	49	652.6	1,491.1	49	729.8	1,623.1	48	773.9	1,779.3	46	820.9
25-44	1,749,039	65.6	1,147,639	1,798.6	66	1,188.2	1,834.0	67	1,225.3	2,032.6	67	1,365.0	2,347.0	67	1,580.9	2,758.1	67	1,861.0
45-64	1,147,382	62.5	717,491	1,300.8	62	809.3	1,500.9	64	955.1	1,659.5	64	1,062.2	1,749.9	65	1,133.6	1,782.7	64	1,449.5
65 +	508,073	18.5	94,098	579.8	18	102.5	654.7	17	110.8	746.0	16	116.1	855.7	16	133.3	974.1	16	151.7
Total	4,228,343	56.6	2,393,015	4,737.8	55	2,625.2	5,308.6	55	2,943.8	5,929.2	55	3,273.1	6,575.7	55	3,621.7	7,294.2	55	3,983.1

(1) D.B.S., Census of Canada, 1961, Vol. 1.2-2 and Vol. 3.1-8.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

B 2

EASTERN ONTARIO

	1961(1)			1966			1971			1976			1981			1986		
	Pop.	P.R. %	L.F.	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)
<u>Assumption A</u>																		
Male																		
15-24	57,684	61.7	35,581	72.5	58	42.1	85.9	58	49.8	93.0	57	53.0	98.9	55	54.4	108.4	53	57.5
25-44	104,290	94.5	98,590	105.2	94	98.9	108.4	94	101.9	122.3	94	115.0	140.7	94	132.3	161.6	94	151.9
45-64	68,192	89.2	60,851	77.9	88	68.6	88.7	88	78.1	94.8	87	82.5	97.4	87	84.7	98.1	86	84.4
65 +	28,032	31.7	8,878	31.1	30	9.3	34.3	28	9.6	39.0	25	9.8	44.9	25	11.2	51.5	25	12.9
Total	258,198	79.0	203,900	286.7	76	218.9	317.3	75	239.4	345.1	75	260.3	381.9	74	282.6	419.6	73	306.7
Female																		
15-24	54,630	41.8	22,851	68.6	39	26.8	81.3	40	32.5	87.9	39	34.3	93.6	38	35.6	102.7	38	39.0
25-44	104,048	33.7	35,069	105.0	34	35.7	108.2	36	39.0	122.0	37	45.1	140.4	38	53.4	161.2	38	61.3
45-64	69,545	36.1	25,120	79.5	35	27.8	90.5	40	36.2	96.7	41	39.6	99.4	43	42.7	100.0	43	43.0
65 +	35,282	8.0	2,809	39.1	8	3.1	43.1	8	3.4	49.0	8	3.9	56.5	8	4.5	64.8	8	5.2
Total	263,505	32.6	85,849	292.2	32	93.4	323.1	34	111.1	355.6	35	122.9	389.9	35	136.2	428.7	35	148.5
Males and Females																		
15-24	112,314	52.0	58,432	141.1	49	68.9	167.2	49	82.3	180.9	48	87.3	192.5	47	90.0	211.1	46	96.5
25-44	208,338	64.2	133,659	210.2	64	134.6	216.6	65	140.9	244.3	66	160.1	281.1	66	185.7	322.8	66	213.2
45-64	137,737	62.4	85,971	157.4	61	96.4	179.2	64	114.3	191.5	64	122.1	196.8	65	127.4	198.1	64	127.4
65 +	63,314	18.5	11,687	70.2	18	12.4	77.4	17	13.0	88.0	16	13.7	101.4	15	15.7	116.3	16	18.1
Total	521,703	55.5	289,749	578.9	54	312.3	640.4	55	350.5	704.7	54	383.2	771.8	54	418.8	848.3	54	455.2
<u>Assumption B</u>																		
Male																		
15-24	57,684	61.7	35,581	73.1	58	42.4	87.2	58	50.6	95.0	57	54.2	102.0	55	56.1	112.8	53	59.8
25-44	104,290	94.5	98,590	106.8	94	100.4	111.7	94	105.0	127.2	94	115.6	147.2	94	138.4	169.8	94	159.6
45-64	68,192	89.2	60,851	78.3	88	68.9	89.6	88	78.8	96.5	87	84.0	100.1	87	87.1	101.9	86	87.6
65 +	28,032	31.7	8,878	31.2	30	9.4	34.4	28	9.6	39.2	25	9.8	45.5	25	11.4	52.2	25	13.1
Total	258,198	79.0	203,900	289.4	76	221.1	322.9	76	244.0	357.9	75	267.6	394.8	74	293.0	436.7	73	320.1
Female																		
15-24	54,630	41.8	22,851	69.3	39	27.0	82.6	40	33.0	90.0	39	35.1	96.6	38	36.7	106.8	38	40.6
25-44	104,048	33.7	35,069	106.5	34	36.2	111.5	36	40.1	126.9	37	47.0	146.8	38	55.8	169.4	38	64.4
45-64	69,545	36.1	25,120	79.8	35	27.9	91.4	40	36.6	98.3	41	40.3	102.1	43	43.9	104.0	43	44.7
65 +	35,282	8.0	2,809	39.2	8	3.1	43.2	8	3.5	49.3	8	3.9	57.2	8	4.6	65.7	8	5.3
Total	263,505	32.6	85,849	294.8	32	94.2	328.7	34	113.2	364.5	35	126.3	402.7	35	141.0	445.9	35	155.0
Males and Females																		
15-24	112,314	52.0	58,432	142.4	49	69.4	169.8	49	83.6	185.0	48	89.3	198.6	47	92.8	219.6	46	100.4
25-44	208,338	64.2	133,659	213.3	64	136.6	223.2	65	145.1	254.1	66	166.6	294.0	66	194.2	339.2	66	224.0
45-64	137,737	62.4	85,971	158.1	61	96.8	181.0	64	115.4	194.8	64	124.3	202.2	65	131.0	205.9	64	132.3
65 +	63,314	18.5	11,687	70.4	18	12.5	77.6	17	13.1	88.5	15	13.7	102.7	16	16.0	117.9	16	18.4
Total	521,703	55.5	289,749	584.2	54	315.3	651.6	55	357.2	722.4	55	393.9	797.5	54	434.0	882.6	54	475.1

(1) D.B.S., Census of Canada, 1961, Vol. 1. 2-2 and Vol. 3. 1-8.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

E 3
LAKE ONTARIO

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.
		%		(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)
Assumption A																		
Male																		
15-24	22,516	59.7	13,442	31.1	56	17.4	37.9	56	21.2	40.0	55	22.0	40.8	54	22.0	45.1	51	23.0
25-44	41,738	96.3	40,190	40.5	95	38.5	41.9	95	39.8	48.8	95	46.4	58.1	95	55.2	68.3	95	64.9
45-64	31,281	89.7	28,051	34.8	89	31.0	38.3	89	34.1	40.1	88	35.3	40.0	87	34.8	38.9	87	33.8
65 +	15,093	31.7	4,778	16.1	30	4.8	17.1	28	4.8	18.8	25	4.7	21.0	25	5.3	23.3	25	5.8
Total	110,628	78.1	86,461	122.5	75	91.7	135.2	74	99.9	147.7	73	108.4	159.9	73	117.3	175.6	73	127.5
Female																		
15-24	21,187	33.8	7,166	29.3	32	9.4	35.7	32	11.4	37.7	31	11.7	38.4	31	11.9	42.4	31	13.1
25-44	42,158	27.2	11,484	40.9	28	11.5	42.4	29	12.3	49.3	30	14.8	58.6	30	17.6	69.0	31	21.4
45-64	29,968	29.1	8,712	33.3	36	12.0	36.7	32	11.7	38.5	33	12.7	38.4	34	13.1	37.0	35	13.0
65 +	17,648	5.7	1,001	18.8	6	1.1	20.0	6	1.2	22.0	6	1.3	24.6	6	1.5	27.3	6	1.6
Total	110,961	25.6	28,363	122.3	28	34.0	134.8	27	36.6	147.5	27	40.5	160.0	28	44.1	175.7	28	49.1
Males and Females																		
15-24	43,703	47.2	20,608	60.4	44	26.8	73.6	44	32.6	77.7	43	33.7	79.2	43	33.9	87.5	41	36.1
25-44	83,896	61.6	51,674	81.4	61	50.0	84.3	62	52.1	98.1	62	61.2	116.7	62	72.8	137.3	63	86.3
45-64	61,249	60.0	36,763	68.1	63	43.0	75.0	61	45.8	78.6	61	48.0	78.4	61	47.9	75.9	62	46.8
65 +	32,741	17.7	5,779	34.9	17	5.9	37.1	16	6.0	40.8	15	6.0	45.6	15	6.8	50.6	15	7.4
Total	221,589	51.8	114,824	244.8	51	125.7	270.0	51	138.5	295.2	50	148.9	319.9	50	161.4	351.3	50	176.6
Assumption B																		
Male																		
15-24	22,516	59.7	31,442	31.4	56	17.6	38.3	56	21.4	40.8	55	22.4	41.8	54	22.6	46.4	51	23.7
25-44	41,738	96.3	40,190	40.9	95	38.9	42.9	95	40.8	50.2	95	47.7	60.1	95	57.1	70.9	95	67.4
45-64	31,281	89.7	28,051	34.9	89	31.1	38.6	89	34.4	40.6	88	35.7	40.9	87	35.6	40.1	87	34.9
65 +	15,093	31.7	4,778	16.1	30	4.8	17.2	28	4.8	18.9	25	4.7	21.2	25	5.3	23.6	25	5.9
Total	110,628	78.1	86,461	123.3	75	92.4	137.0	74	101.4	150.5	73	110.5	164.0	74	120.6	181.0	73	131.9
Female																		
15-24	21,187	33.8	7,166	29.5	32	9.4	36.0	32	11.5	38.3	31	11.9	39.3	31	12.2	43.7	31	13.5
25-44	42,158	27.2	11,484	41.4	28	11.6	43.4	29	12.6	50.8	30	15.2	60.7	30	18.2	71.6	31	22.2
45-64	29,968	29.1	8,712	33.5	36	12.1	36.9	32	11.8	39.0	33	12.9	39.2	34	13.3	38.4	35	13.4
65 +	17,648	5.7	1,001	18.8	6	1.1	20.1	6	1.2	22.2	6	1.3	24.7	6	1.5	27.5	6	1.7
Total	110,961	25.6	28,363	123.2	28	34.2	136.4	27	37.1	150.3	27	41.3	163.9	28	45.2	181.2	28	50.8
Males and Females																		
15-24	43,703	47.2	20,608	60.9	44	27.0	74.3	44	32.9	79.1	43	34.3	81.1	43	34.8	90.1	41	37.2
25-44	83,896	61.6	51,674	82.3	61	50.5	86.3	62	53.4	101.0	62	62.9	120.8	62	75.3	142.5	63	89.6
45-64	61,249	60.0	36,763	68.4	63	43.2	75.5	61	46.2	79.6	61	48.6	80.1	61	48.9	78.5	62	48.3
65 +	32,741	17.7	5,779	34.9	17	5.9	37.3	16	6.0	41.1	15	6.0	45.9	15	6.8	51.1	15	7.6
Total	221,589	51.8	114,824	246.5	51	126.6	273.4	51	138.5	300.8	50	151.8	327.9	51	165.8	362.2	50	182.7

(1) D.B.S., Census of Canada, 1961, Vol. 1, 2-2 and Vol. 3.1-8.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

24
METROPOLITAN

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.	Pop.	P.R.	L.F.
Assumption A		%		(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)
Male																		
15-24	125,265	65.4	81,879	149.4	62	92.6	190.6	61	116.3	223.3	61	136.2	246.3	59	145.3	255.9	56	143.3
25-44	328,468	96.5	317,233	331.2	98	324.6	312.0	98	305.8	316.7	98	310.4	345.3	98	338.4	403.3	98	395.2
45-64	195,984	91.1	177,904	224.1	90	201.7	263.3	90	237.0	295.7	89	263.2	313.6	89	279.1	312.6	88	275.1
65 +	70,184	32.0	22,433	81.4	30	24.4	93.1	28	26.1	108.1	25	27.0	125.1	25	31.3	143.3	25	35.8
Total	719,901	83.4	600,149	786.1	82	643.3	859.0	80	685.2	943.8	78	736.8	1,030.3	77	794.1	1,115.1	76	849.4
Female																		
15-24	132,494	49.6	65,691	158.0	47	74.3	201.6	47	94.8	236.1	46	108.6	260.5	45	117.2	270.6	45	121.8
25-44	324,077	41.0	132,869	325.7	42	137.2	307.8	44	155.4	312.5	45	140.6	340.5	46	156.6	397.8	46	183.0
45-64	199,612	38.6	77,064	228.3	36	82.2	268.0	42	112.6	301.2	44	132.5	319.5	46	147.0	318.5	46	146.5
65 +	92,503	9.0	8,286	107.3	9	9.7	122.8	9	11.1	142.5	9	12.8	165.0	9	14.9	188.9	9	17.0
Total	748,686	37.9	283,910	820.3	37	303.4	900.2	39	353.9	992.3	40	394.5	1,085.5	40	435.7	1,175.8	40	468.3
Males and Females																		
15-24	257,759	57.3	147,570	307.4	54	166.9	392.2	54	211.1	459.4	53	244.8	506.8	52	262.5	526.5	50	265.1
25-44	652,545	69.0	450,102	657.9	70	461.8	619.8	71	441.2	625.2	72	451.0	685.8	72	495.0	801.1	72	578.2
45-64	395,596	64.6	255,668	452.4	63	283.9	531.3	66	349.6	596.2	66	395.7	633.1	67	426.1	631.1	67	421.6
65 +	162,687	18.9	30,719	188.7	18	34.1	215.9	17	37.2	250.6	16	39.8	290.1	16	46.2	332.2	16	52.8
Total	1,468,587	60.2	884,059	1,606.4	59	946.7	1,759.2	59	1,039.1	1,936.1	58	1,131.3	2,115.8	58	1,229.8	2,290.9	58	1,317.7
Assumption B																		
Male																		
15-24	125,265	65.4	81,879	154.9	62	96.0	200.9	61	122.5	239.5	61	146.1	270.4	59	159.5	289.4	56	162.1
25-44	328,468	96.5	317,233	344.1	98	337.2	338.9	98	332.1	357.0	98	349.9	358.4	98	390.4	470.0	98	460.6
45-64	195,984	91.1	178,504	226.7	90	204.2	270.1	90	243.1	309.1	89	275.1	335.6	89	298.7	344.6	88	303.2
65 +	70,184	32.0	22,433	81.9	30	24.6	94.3	28	26.4	110.3	25	27.6	129.0	25	32.3	149.4	25	37.4
Total	719,901	83.4	600,149	807.8	82	662.0	904.2	80	724.1	1,015.9	79	798.7	1,133.4	78	880.9	1,253.4	77	963.3
Female																		
15-24	132,494	49.6	65,691	163.9	47	77.0	212.4	47	99.8	253.3	46	116.5	285.9	45	128.7	306.0	45	137.7
25-44	324,077	41.0	132,869	339.4	42	142.5	334.4	44	147.1	352.1	45	158.4	393.1	46	180.8	463.6	46	213.3
45-64	199,612	38.5	77,064	231.0	36	83.2	275.2	42	115.6	314.8	44	138.5	341.8	46	157.2	350.9	46	161.4
65 +	95,503	9.0	8,286	108.0	9	9.7	124.3	9	11.2	145.5	9	13.1	170.0	9	15.3	197.0	9	17.7
Total	748,686	37.9	283,910	842.3	37	312.4	946.3	39	373.7	1,065.7	40	426.5	1,190.8	40	482.0	1,317.5	40	530.1
Males and Females																		
15-24	257,759	57.3	147,570	316.6	54	173.0	413.3	54	222.3	492.8	53	262.6	556.3	52	288.2	595.4	50	299.8
25-44	652,545	69.0	450,102	683.5	70	479.7	673.3	71	479.2	709.1	72	508.3	751.5	72	571.2	933.6	72	673.9
45-64	395,596	64.6	255,668	457.9	63	287.4	545.3	66	358.7	623.9	66	413.6	677.4	67	455.9	695.5	67	464.6
65 +	162,687	18.9	30,719	189.9	18	34.3	218.6	17	37.6	255.8	16	40.7	299.0	16	47.6	346.4	16	55.1
Total	1,468,587	60.2	884,059	1,650.1	59	974.4	1,850.5	59	1,097.8	2,081.6	59	1,225.2	2,324.2	59	1,362.9	2,570.8	58	1,493.4

(1) D.B.S., Census of Canada, 1961, Vol. 1.2-2 and Vol. 3.1-8.

POPULATION PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 PROJECTED

B 5
NIAGARA

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	P.R. %	L.F. %	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)
Assumption A																		
Male																		
15-24	18,657	60.1	29,222	63.6	57	36.3	78.4	56	43.9	85.4	56	47.8	88.2	54	47.6	94.1	51	48.0
25-44	105,697	96.1	101,621	103.7	95	86.5	102.1	95	7.0	112.3	95	106.7	130.4	95	123.9	152.6	95	145.0
45-64	72,436	90.8	65,757	81.5	90	73.4	93.7	90	84.3	101.7	89	90.5	103.3	89	91.9	100.9	88	88.8
65+	28,600	29.7	8,498	32.8	28	9.2	36.9	26	9.6	41.7	24	10.0	47.7	24	11.4	54.0	24	13.0
Total	255,390	80.3	205,098	281.6	77	217.4	311.1	75	234.8	341.1	75	255.0	369.6	74	274.8	401.6	73	294.8
Female																		
15-24	49,502	41.0	20,306	64.8	39	25.3	79.8	39	31.1	86.9	38	33.0	89.8	37	33.2	95.8	37	35.4
25-44	107,585	32.4	34,835	105.5	33	34.6	103.9	35	36.4	114.2	36	41.1	132.7	36	47.8	155.2	36	55.9
45-64	71,118	31.3	22,229	77.9	36	28.8	91.9	34	31.2	99.8	36	35.9	101.3	37	37.5	99.1	38	37.7
65+	34,578	6.6	2,279	39.7	7	2.8	44.7	7	3.1	50.5	7	3.5	57.6	7	4.0	65.4	7	4.6
Total	262,783	30.3	79,649	269.9	32	91.7	320.3	32	101.8	351.4	32	113.5	381.4	32	122.5	415.5	32	133.6
Males and Females																		
15-24	98,159	50.5	49,528	128.4	48	61.6	158.2	47	75.0	172.3	47	80.8	178.1	45	80.8	189.9	44	83.4
25-44	213,282	64.0	136,456	209.2	64	133.3	206.0	65	133.4	226.5	65	147.8	263.1	65	171.7	307.8	65	200.9
45-64	143,554	61.3	87,986	161.4	63	102.2	185.6	62	115.5	201.5	63	126.4	204.6	63	129.4	200.0	63	126.5
65+	63,178	17.1	10,777	72.5	17	12.0	81.6	16	12.7	92.2	15	13.5	105.3	15	15.4	119.4	15	17.6
Total	518,173	55.0	284,747	571.5	54	309.1	631.4	53	336.6	692.5	53	368.5	751.0	53	397.3	617.1	52	428.4
Assumption B																		
Male																		
15-24	18,657	60.1	29,222	65.0	57	37.1	80.9	56	45.3	89.2	56	50.0	93.9	54	50.7	102.0	51	52.0
25-44	105,697	96.1	101,621	106.6	95	101.3	108.3	95	102.9	121.5	95	115.4	142.4	95	135.3	167.7	95	159.3
45-64	72,436	90.8	65,757	82.1	90	73.4	95.3	90	85.8	104.9	89	93.4	108.4	89	96.5	108.5	88	95.5
65+	28,600	29.7	8,498	32.9	28	9.2	37.2	26	9.7	42.2	24	10.1	48.7	24	11.7	55.5	24	13.3
Total	255,390	80.3	205,098	286.6	77	221.0	321.7	76	243.7	357.8	75	268.9	393.4	75	294.2	433.7	74	320.1
Female																		
15-24	49,502	41.0	20,306	66.1	39	25.8	82.1	39	32.0	90.8	38	34.5	95.6	37	35.4	103.8	37	38.4
25-44	107,585	32.4	34,835	108.6	33	35.8	110.2	35	38.6	123.7	36	44.5	145.0	36	52.2	170.7	36	61.5
45-64	71,118	31.3	22,229	80.6	36	29.0	93.6	34	31.8	102.9	36	37.0	106.3	37	39.3	106.4	38	40.4
65+	34,578	6.6	2,279	39.8	7	2.8	45.1	7	3.2	51.1	7	3.6	58.8	7	4.1	67.2	7	4.7
Total	262,783	30.3	79,649	295.1	32	93.4	331.0	32	105.6	368.5	32	119.6	405.7	32	131.0	448.1	32	145.0
Males and Females																		
15-24	98,159	50.5	49,528	131.1	48	62.9	163.0	47	77.3	180.0	47	84.5	189.5	45	86.1	205.8	44	90.4
25-44	213,282	64.0	136,456	215.2	64	137.1	218.5	65	141.5	245.2	65	159.9	287.4	65	187.5	338.4	65	220.8
45-64	143,554	61.3	87,986	162.7	63	102.4	188.9	62	117.6	207.8	63	130.4	214.7	63	135.8	214.9	63	135.9
65+	63,178	17.1	10,777	72.7	17	12.0	82.3	16	12.9	93.3	15	13.7	107.5	15	15.8	122.7	15	18.0
Total	518,173	55.0	284,747	581.7	54	314.4	652.7	54	349.3	726.3	53	388.5	799.1	53	425.2	681.8	53	465.1

(1) D.B.S. Census of Canada, Vol. 1. 2-2 and Vol. 3. 1-8.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

B 6
LAKE ERIE

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	P.R. %	L.F.	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)
Assumption A																		
Male																		
15-24	27,881	66.4	18,501	34.2	63	21.5	40.6	62	25.2	44.4	62	27.5	49.2	60	29.5	55.4	57	31.6
25-44	53,129	55.2	50,573	53.8	94	50.6	54.6	94	51.3	60.3	94	56.7	68.9	94	61.8	79.2	94	74.4
45-64	39,095	88.0	34,394	42.6	87	37.1	47.0	87	40.9	49.9	86	42.9	50.7	86	43.6	51.2	85	43.5
65 +	17,461	32.0	5,699	19.2	31	6.0	21.4	29	6.2	23.7	26	6.2	26.2	26	6.8	26.7	26	7.5
Total	137,566	79.4	109,167	149.8	77	115.2	163.6	76	123.6	178.3	75	133.3	195.0	74	141.7	214.5	73	157.0
Female																		
15-24	27,713	45.0	12,468	34.0	42	14.3	40.3	43	17.3	44.1	42	18.5	49.0	41	20.1	55.0	41	22.6
25-44	53,498	38.1	20,368	54.1	39	21.1	54.9	41	22.5	60.8	42	25.5	69.4	42	29.1	79.7	43	34.3
45-64	38,930	35.1	13,677	42.5	37	15.7	46.8	38	17.8	49.6	40	19.8	50.4	42	21.2	51.0	42	21.4
65 +	21,288	7.4	1,565	23.5	7	1.6	26.2	8	2.1	26.9	8	2.3	31.9	8	2.6	34.9	8	2.8
Total	141,429	34.0	48,078	154.1	34	52.7	168.2	35	59.7	183.4	36	66.1	200.7	36	73.0	220.6	37	81.1
Males and Females																		
15-24	55,594	55.7	30,969	68.2	52	35.8	80.9	53	42.5	88.5	52	46.0	98.2	51	49.6	110.4	49	54.2
25-44	106,627	66.5	70,941	107.9	66	71.7	109.5	67	73.8	121.1	68	82.2	138.3	68	83.9	158.9	68	108.7
45-64	78,025	61.6	48,071	85.1	62	52.8	93.8	63	58.7	99.5	63	62.7	101.1	64	64.8	102.2	64	64.9
65 +	38,749	18.7	7,264	42.7	18	7.6	47.6	17	8.3	52.6	16	8.5	58.1	16	9.4	63.6	16	10.3
Total	278,995	56.4	157,245	303.9	55	167.9	331.8	55	183.3	361.7	55	199.4	395.7	55	217.7	435.1	55	238.1
Assumption B																		
Male																		
15-24	27,881	66.4	18,501	34.7	63	21.9	41.6	62	25.8	46.0	62	28.5	51.6	60	31.0	58.6	57	33.4
25-44	53,129	55.2	50,573	55.0	94	51.7	57.1	94	53.7	64.1	94	60.3	74.0	94	69.6	85.4	94	80.3
45-64	39,095	88.0	34,394	42.9	87	37.3	47.7	87	41.5	51.2	86	44.0	52.7	86	45.3	54.3	85	46.2
65 +	17,461	32.6	5,699	19.3	31	6.0	21.6	29	6.3	23.9	26	6.2	26.5	26	6.9	29.2	26	7.6
Total	137,566	79.4	109,167	151.9	77	116.9	168.0	76	127.3	185.2	75	139.0	204.8	75	152.8	227.5	74	167.5
Female																		
15-24	27,713	45.0	12,468	34.5	42	14.5	41.3	43	17.8	45.7	42	19.2	51.2	41	21.0	58.3	41	23.9
25-44	53,498	38.1	20,368	55.4	39	21.6	57.5	41	23.6	64.5	42	27.1	74.5	42	31.3	86.0	43	37.0
45-64	38,930	35.1	13,677	42.7	37	15.8	47.5	38	18.1	50.9	40	20.4	52.5	42	22.1	54.1	42	22.7
65 +	21,288	7.4	1,565	23.6	7	1.7	26.3	8	2.1	29.2	8	2.3	32.4	8	2.6	35.7	8	2.9
Total	141,429	34.0	48,078	156.2	34	53.6	172.6	36	61.6	190.3	36	69.0	210.6	37	77.0	224.1	37	86.5
Males and Females																		
15-24	55,594	55.7	30,969	69.2	53	36.4	82.9	53	43.6	91.7	52	47.7	102.8	51	52.0	116.9	49	57.3
25-44	106,627	66.5	70,941	110.4	66	73.3	114.6	67	77.3	128.6	68	87.4	148.5	68	100.9	171.4	68	117.3
45-64	78,025	61.6	48,071	85.6	62	53.1	95.2	63	59.6	102.1	63	64.4	109.2	64	67.4	108.4	64	68.9
65 +	38,749	18.7	7,264	42.9	18	7.7	47.9	18	8.4	53.1	16	8.5	58.9	16	9.5	64.9	16	10.5
Total	278,995	56.4	157,245	308.1	55	170.5	340.6	55	188.9	375.5	55	208.0	415.4	55	229.8	461.6	55	254.0

(1) D.B.S., Census of Canada, 1961 Vol. 1.2-2 and Vol. 3. 1-8.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

B 7
LAKE ST. CLAIR

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	P.R. %	L.F.	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)
Assumption A																		
Male																		
15-24	29,597	59.5	17,617	38.7	56	21.7	47.9	56	26.8	52.5	55	28.9	54.9	53	28.9	60.2	51	30.7
25-44	57,717	95.8	55,309	56.9	95	54.1	57.8	95	54.9	65.2	95	61.9	77.4	95	73.5	92.5	95	86.9
45-64	43,033	90.5	38,954	46.4	90	41.8	51.5	89	45.8	55.4	89	49.3	56.3	88	49.5	55.8	88	49.1
65 +	18,361	32.8	6,024	21.3	31	6.6	23.9	29	6.9	26.2	26	6.8	28.8	26	7.5	31.5	26	8.2
Total	148,708	79.3	117,904	163.3	76	124.2	181.1	74	134.4	199.3	74	146.9	217.4	73	159.4	239.0	73	174.9
Female																		
15-24	29,714	37.1	11,011	38.9	35	13.6	48.0	35	16.8	52.9	35	18.5	55.2	34	18.8	60.5	34	20.6
25-44	59,064	31.2	18,398	58.1	32	18.6	59.1	33	19.5	66.7	34	22.7	79.2	35	27.7	93.6	35	32.8
45-64	41,371	29.7	12,294	44.6	31	13.8	49.6	33	16.4	53.2	34	18.1	54.2	35	19.0	53.6	36	19.3
65 +	20,017	7.0	1,398	23.3	7	1.6	26.0	7	1.8	28.5	7	2.0	31.3	7	2.2	34.3	7	2.4
Total	150,166	28.7	43,101	164.9	29	47.6	182.7	30	54.5	201.3	30	61.3	219.9	31	67.7	242.0	31	75.1
Males and Females																		
15-24	59,311	48.3	28,628	77.6	45	35.3	95.9	45	43.6	105.4	45	47.4	110.1	43	47.7	120.7	43	51.3
25-44	116,781	63.1	73,707	115.0	63	72.7	116.9	64	74.4	131.9	64	84.6	156.6	65	101.2	185.1	65	119.7
45-64	84,404	60.7	51,248	91.0	61	55.6	101.1	62	62.2	108.6	62	67.4	110.5	62	68.5	109.4	63	68.4
65 +	38,378	19.3	7,422	44.6	18	8.2	49.9	17	8.7	54.7	16	8.8	60.1	16	9.7	65.8	16	10.6
Total	298,874	53.9	161,005	328.2	52	171.8	363.8	52	188.9	400.6	52	208.2	437.3	52	227.1	481.0	52	250.0
Assumption B																		
Male																		
15-24	29,597	59.5	17,617	38.9	56	21.8	48.8	56	27.3	54.1	55	29.8	57.2	53	30.3	63.3	51	32.3
25-44	57,717	95.8	55,309	58.6	95	55.7	60.2	95	57.2	68.7	95	65.3	82.2	95	78.1	97.4	95	92.5
45-64	43,033	90.5	38,954	46.6	90	41.9	52.2	89	46.5	56.5	89	50.3	58.3	88	51.3	58.7	88	51.7
65 +	18,361	32.8	6,024	21.4	31	6.6	24.0	29	7.0	26.4	26	6.9	29.1	26	7.6	32.1	26	8.3
Total	148,708	79.3	117,904	165.5	76	126.0	185.2	75	138.0	205.7	74	152.3	226.8	74	167.3	251.5	73	184.8
Female																		
15-24	29,714	37.1	11,011	39.8	35	13.9	49.0	35	17.2	54.3	35	19.0	57.4	34	19.5	63.5	34	21.6
25-44	59,064	31.2	18,398	58.7	32	18.8	61.6	33	20.3	70.3	34	23.9	84.0	35	29.4	99.6	35	34.9
45-64	41,371	29.7	12,294	44.9	31	13.9	50.1	33	16.5	54.4	34	18.5	56.1	35	19.6	56.5	36	20.3
65 +	20,017	7.0	1,398	23.4	7	1.6	26.2	7	1.8	28.8	7	2.0	31.8	7	2.2	35.0	7	2.5
Total	150,166	28.7	43,101	166.8	29	48.2	186.9	30	55.8	207.8	31	63.4	229.3	31	70.7	254.6	31	79.3
Males and Females																		
15-24	59,311	48.3	28,628	78.7	45	35.7	97.8	46	44.5	108.4	45	48.8	114.6	43	49.8	126.8	43	53.9
25-44	116,781	63.1	73,707	117.3	64	74.5	121.8	64	77.5	139.0	64	89.2	166.2	65	107.5	197.0	65	127.4
45-64	84,404	60.7	51,248	91.5	61	55.8	102.3	62	63.0	110.9	62	68.8	114.4	62	70.9	115.2	63	72.0
65 +	38,378	19.3	7,422	44.8	18	8.2	50.2	18	8.8	55.2	16	8.9	60.9	16	9.8	67.1	16	10.8
Total	298,874	53.9	161,005	332.3	52	174.2	372.1	52	193.8	413.5	52	215.7	456.1	52	238.0	506.1	52	264.1

(1) D.B.S., Census of Canada, 1961, Vol. 1.2-2 and Vol. 3.1-8.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

B 8
UPPER GRAND RIVER

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	P.R. %	L.F.	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)
Assumption A																		
Male																		
15-24	26,159	69.2	18,102	33.1	65	21.5	39.9	65	25.9	43.7	64	28.0	45.9	62	28.5	50.2	59	29.6
25-44	48,447	97.4	47,193	48.3	97	46.9	49.8	97	48.3	56.0	97	54.3	65.3	97	63.3	75.7	97	73.4
45-64	34,814	93.0	32,367	38.2	92	35.1	42.2	92	38.8	44.7	91	40.7	45.8	91	41.7	46.0	90	41.4
65 +	15,931	37.0	5,896	17.6	35	6.2	19.5	33	6.4	21.7	29	6.3	24.0	29	7.0	26.5	29	7.7
Total	125,351	82.6	103,558	137.2	80	109.7	151.4	79	119.4	166.1	78	129.3	181.0	78	140.5	198.4	77	152.1
Female																		
15-24	24,599	46.8	11,502	31.2	44	13.7	37.5	44	16.5	41.2	44	18.1	43.2	43	18.6	46.9	42	19.7
25-44	48,324	36.3	17,524	48.2	37	17.8	49.7	39	19.4	55.8	40	22.3	65.1	40	26.0	75.6	41	31.0
45-64	34,768	35.1	12,211	37.9	37	14.0	42.1	38	16.0	44.6	40	17.8	45.7	42	19.2	46.0	42	19.3
65 +	19,290	7.7	1,494	21.4	8	1.7	23.7	8	1.9	26.3	8	2.1	29.1	8	2.3	32.1	8	2.6
Total	126,981	33.7	42,731	138.7	34	47.2	153.0	35	53.8	167.9	36	60.3	183.1	36	66.1	200.6	36	72.6
Males and Females																		
15-24	50,758	58.3	29,604	64.3	55	35.2	77.4	55	42.4	84.9	54	46.1	89.1	53	47.1	97.1	51	49.3
25-44	96,771	66.9	64,717	96.5	67	64.7	99.5	68	67.7	111.8	69	76.6	130.4	68	89.3	151.3	69	104.4
45-64	69,582	64.1	44,578	76.1	65	49.1	84.3	65	54.8	69.3	66	58.5	91.5	67	60.9	92.0	66	60.7
65 +	35,221	21.0	7,390	39.0	20	7.9	43.2	19	8.3	48.0	18	8.4	53.1	18	9.3	58.6	18	10.3
Total	252,332	58.0	146,289	275.9	57	156.9	304.4	57	173.2	334.0	57	189.6	364.1	57	206.6	399.0	56	224.7
Assumption B																		
Male																		
15-24	26,159	69.2	18,102	33.6	65	21.8	40.7	65	26.5	45.1	64	28.9	47.9	62	29.7	52.9	59	31.2
25-44	48,447	97.4	47,193	49.4	97	47.9	52.0	97	50.4	59.2	97	57.4	69.6	97	67.5	81.0	97	78.6
45-64	34,814	93.0	32,367	38.3	92	35.2	42.2	92	39.4	45.8	91	41.7	47.6	91	43.3	48.7	90	43.8
65 +	15,931	37.0	5,896	17.7	35	6.2	19.7	33	6.5	21.9	29	6.4	24.2	29	7.0	27.1	29	7.9
Total	125,351	82.6	103,558	139.0	80	111.1	155.2	79	122.8	172.0	78	134.4	189.3	78	147.5	209.7	77	161.5
Female																		
15-24	24,599	46.8	11,502	31.7	44	13.9	38.5	44	16.9	42.4	44	18.7	45.1	43	19.4	49.8	42	20.9
25-44	48,324	36.3	17,524	49.2	37	18.2	51.8	39	20.2	59.0	40	23.6	69.2	40	27.7	80.9	41	33.2
45-64	34,768	35.1	12,211	38.3	37	14.2	42.7	38	16.2	45.7	40	18.3	47.6	42	20.0	48.5	42	20.4
65 +	19,290	7.7	1,494	21.4	8	1.7	23.8	8	1.9	26.6	8	2.1	29.3	8	2.3	32.7	8	2.6
Total	126,981	33.7	42,731	140.6	34	48.0	156.8	35	55.2	173.7	36	62.7	191.2	36	69.4	211.9	36	77.1
Males and Females																		
15-24	50,758	58.3	29,604	65.3	55	35.7	79.2	55	43.4	87.5	54	47.6	93.0	53	49.1	102.7	51	52.1
25-44	96,771	66.9	64,717	98.6	67	66.1	103.8	68	70.6	118.2	69	81.0	138.8	69	95.2	161.9	69	111.8
45-64	69,582	64.1	44,578	76.6	64	49.4	85.5	65	55.6	91.5	66	60.0	95.2	66	63.3	97.2	66	64.2
65 +	35,221	21.0	7,390	39.1	20	7.9	43.5	19	8.4	48.5	18	8.5	53.5	17	9.3	59.8	18	10.5
Total	252,332	58.0	146,289	279.6	57	159.1	312.0	57	178.0	345.7	57	197.1	380.5	57	216.9	421.6	57	238.6

(1) D.B.S., Census of Canada, 1961, Vol. 1.2-2 and Vol. 3.1-8.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

B 2
GEORGIAN BAY

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	P.R. %	L.F.	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)
Assumption A																		
Male																		
15-24	22,643	62.8	14,223	31.3	59	18.5	36.8	59	21.7	37.3	59	21.9	38.1	56	21.3	41.6	53	22.0
25-44	37,442	95.1	35,608	36.2	94	34.0	39.0	94	36.7	46.5	94	43.7	55.8	94	52.5	64.8	94	60.9
45-64	31,881	89.2	28,442	33.9	88	29.8	35.9	88	31.6	36.6	37	31.8	35.8	87	31.1	34.8	86	29.9
65 +	16,648	32.9	5,472	18.1	31	5.6	19.5	29	5.7	21.0	26	5.5	22.8	26	5.9	24.4	26	6.3
Total	108,614	77.1	83,745	119.5	74	87.9	131.2	73	95.7	141.9	73	102.9	152.5	73	110.8	165.6	72	119.1
Female																		
15-24	19,775	32.3	6,388	27.4	30	8.2	32.2	31	10.0	33.0	30	9.9	33.3	29	9.7	39.4	29	11.4
25-44	37,020	29.0	10,747	35.7	30	10.7	38.6	31	12.0	45.9	32	14.7	55.1	32	17.6	64.0	33	21.1
45-64	30,288	31.5	9,540	32.3	33	10.7	34.1	35	11.9	34.7	36	12.5	34.0	37	12.6	33.0	38	12.5
65 +	17,953	6.4	1,143	19.5	6	1.2	21.0	7	1.5	22.7	7	1.6	24.6	7	1.7	26.3	7	1.8
Total	105,036	26.5	27,818	114.9	27	30.8	125.9	28	35.4	136.3	28	38.7	147.0	28	41.6	162.7	29	46.8
Males and Females																		
15-24	42,418	48.6	20,611	58.7	45	26.7	69.0	46	31.7	70.9	45	31.8	71.4	43	31.0	81.0	41	33.4
25-44	74,462	62.3	46,355	71.9	62	44.7	77.6	63	48.7	92.4	63	58.4	110.9	63	70.1	128.8	64	82.0
45-64	62,169	61.1	37,982	66.2	61	40.5	70.0	62	43.5	71.3	62	44.3	69.8	63	43.7	67.8	63	42.4
65 +	34,601	19.1	6,615	37.6	18	6.8	40.5	18	7.2	43.7	16	7.1	47.4	16	7.6	50.7	16	8.1
Total	213,650	52.2	111,563	234.4	51	118.7	257.1	51	131.1	278.2	51	141.6	299.5	51	152.4	328.3	51	165.9
Assumption B																		
Male																		
15-24	22,643	62.8	14,233	31.5	59	18.6	37.2	59	21.9	36.4	58	21.1	39.1	56	21.9	44.5	53	23.6
25-44	37,442	95.1	35,608	36.8	94	34.6	39.9	94	37.5	47.3	94	44.5	57.6	94	54.1	67.1	94	63.1
45-64	31,881	89.2	28,442	34.0	88	29.9	36.2	88	31.9	37.1	37	32.3	36.6	87	31.8	35.9	86	30.9
65 +	16,648	32.9	5,472	18.1	31	5.6	19.6	29	5.7	21.1	26	5.5	22.9	26	6.0	24.6	26	6.4
Total	108,614	77.1	83,745	120.4	74	88.7	132.9	73	97.0	141.9	73	103.4	156.2	73	113.8	172.1	72	124.0
Female																		
15-24	19,775	32.3	6,388	27.6	30	8.3	32.5	31	10.1	35.6	30	10.7	34.0	29	9.9	38.8	29	11.3
25-44	37,020	29.0	10,747	36.2	30	10.9	39.5	31	12.2	48.0	32	15.4	56.9	32	18.2	66.4	33	21.9
45-64	30,288	31.5	9,540	32.3	33	10.7	34.4	35	12.0	35.3	36	12.7	34.8	37	12.9	34.1	38	13.0
65 +	17,953	6.4	1,143	19.6	6	1.2	21.1	7	1.5	22.8	7	1.6	24.8	7	1.7	26.6	7	1.9
Total	105,036	26.5	27,818	115.7	27	31.1	127.5	28	35.8	141.7	29	40.4	150.5	28	42.7	165.9	29	48.1
Males and Females																		
15-24	42,418	48.6	20,611	59.1	46	26.9	69.7	46	32.0	72.0	44	31.8	73.1	44	31.8	83.3	42	34.9
25-44	74,462	62.3	46,355	73.0	62	45.5	79.4	63	49.7	95.3	63	59.9	114.5	63	72.3	133.5	64	85.0
45-64	62,169	61.1	37,982	66.3	61	40.6	70.6	62	43.9	72.4	62	45.0	71.4	63	44.7	70.0	63	43.9
65 +	34,601	19.1	6,615	37.7	18	6.8	40.7	18	7.2	43.9	16	7.1	47.7	16	7.7	51.2	16	8.3
Total	213,650	52.2	111,563	236.1	51	119.8	260.4	51	132.8	283.6	51	143.8	306.7	51	156.5	338.0	51	172.1

(1) D.B.S., Census of Canada, 1961, Vol. 1.2-2 and Vol. 3.1-8.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

P 10
NORTHEASTERN ONTARIO

	1961(1)			1966			1971			1976			1981			1986		
	Pop.	I.R.	L.F.	Pop.	I.R.	L.F.	Pop.	I.R.	L.F.	Pop.	I.R.	L.F.	Pop.	I.R.	L.F.	Pop.	I.R.	L.F.
Assumption A		%		(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)	(000's)	%	(000's)
Male																		
15-24	38,208	59.1	22,585	47.9	56	26.8	60.4	55	33.2	69.8	55	38.4	76.4	53	40.5	84.5	50	42.3
25-44	72,013	94.7	68,196	74.9	94	70.4	77.3	94	72.7	86.7	94	81.5	101.5	94	95.4	121.0	94	113.7
45-64	42,674	87.3	37,474	49.5	87	43.1	58.0	37	50.5	65.5	86	56.3	70.5	86	60.6	73.3	85	62.3
65 +	13,706	25.4	3,487	16.3	24	3.9	19.6	23	4.5	23.1	20	4.6	27.5	20	5.5	32.1	20	6.4
Total	166,601	79.1	131,742	188.6	76	144.2	215.3	75	160.9	245.1	74	180.8	275.9	73	202.0	310.9	72	224.7
Female																		
15-24	36,560	32.5	11,871	45.7	31	14.2	57.8	31	17.9	66.7	30	20.0	73.1	30	21.9	80.6	29	23.4
25-44	65,000	22.6	14,667	67.6	23	15.5	69.8	24	16.8	73.3	25	19.6	91.6	25	22.9	105.3	25	27.3
45-64	34,482	23.6	8,130	40.0	25	10.0	46.9	26	12.2	55.0	27	14.3	57.0	28	16.0	59.3	28	16.6
65 +	11,481	5.5	628	14.5	5	0.7	17.3	6	1.0	20.4	6	1.2	24.4	6	1.5	28.5	6	1.7
Total	147,523	23.9	35,296	167.8	24	40.4	191.8	25	47.9	218.4	25	55.1	246.1	25	62.3	277.7	25	69.0
Males and Females																		
15-24	74,768	46.1	34,456	93.6	44	41.0	118.2	43	51.1	136.5	43	58.4	149.5	42	62.4	165.1	40	65.7
25-44	137,013	60.5	82,863	142.5	60	95.9	147.1	61	89.5	165.0	61	101.1	193.1	61	113.3	230.3	61	141.0
45-64	77,156	59.1	45,604	89.5	59	53.1	104.9	60	62.7	118.5	60	70.6	127.5	60	76.6	132.6	60	78.9
65 +	25,187	16.3	4,115	30.8	15	4.6	36.9	15	5.5	43.5	13	5.8	51.9	13	7.0	60.6	13	8.1
Total	314,124	53.2	167,038	356.4	52	184.6	407.1	51	208.8	463.5	51	235.9	522.0	51	264.3	588.6	50	293.7
Assumption B																		
Male																		
15-24	38,208	59.1	22,585	48.4	56	27.1	61.4	55	33.8	71.2	55	39.2	78.6	53	41.7	87.5	50	43.8
25-44	72,013	94.7	68,196	76.1	94	71.5	79.7	94	74.9	90.4	94	85.0	106.4	94	100.0	127.1	94	119.5
45-64	42,674	87.3	37,474	49.8	87	43.3	58.7	37	51.1	66.9	86	57.5	72.7	86	62.5	76.5	85	65.0
65 +	13,706	25.4	3,487	16.3	24	3.9	19.7	23	4.5	23.3	20	4.7	28.0	20	5.6	32.8	20	6.6
Total	166,601	79.1	131,742	190.6	76	145.8	219.5	75	164.3	251.8	74	186.4	285.7	73	209.8	323.9	73	234.9
Female																		
15-24	36,560	32.5	11,871	46.2	31	14.3	58.7	31	18.2	68.3	30	20.5	75.3	30	22.6	83.7	29	24.3
25-44	65,000	22.6	14,667	68.7	23	15.8	72.0	24	17.3	81.5	25	20.4	96.0	25	24.0	114.7	25	28.7
45-64	34,482	23.6	8,130	40.3	25	10.1	47.4	26	12.3	54.0	27	14.6	58.7	28	16.4	61.6	28	17.3
65 +	11,481	5.5	628	14.5	5	0.7	17.4	6	1.0	20.7	6	1.2	24.7	6	1.5	29.1	6	1.7
Total	147,523	23.9	35,296	169.7	24	40.9	195.5	25	48.8	224.5	25	56.7	254.7	25	64.5	289.3	25	72.0
Males and Females																		
15-24	74,768	46.1	34,456	94.6	44	41.4	120.1	43	52.0	139.5	43	59.7	153.9	42	64.3	171.2	40	68.1
25-44	137,013	60.5	82,863	144.8	60	97.3	151.7	61	92.2	171.9	61	105.4	202.4	61	124.0	241.8	61	148.2
45-64	77,156	59.1	45,604	90.1	59	53.4	106.1	60	63.4	120.9	60	72.1	131.4	60	78.9	138.3	60	82.3
65 +	25,187	16.3	4,115	30.8	15	4.6	37.1	15	5.5	44.0	13	5.9	52.7	13	7.1	61.9	13	8.3
Total	314,124	53.2	167,038	360.3	52	186.7	415.0	51	213.1	476.3	51	243.1	540.4	51	274.3	613.2	50	306.9

(1) D.B.S., Census of Canada, 1961, Vol. 1.2-2 and Vol. 3.1-8.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1961 AND PROJECTED

B 11
LAKEHEAD

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	P.R. %	L.F.	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)
ASSUMPTION A																		
Male																		
15-24	14,817	59.1	8,759	19.2	56	10.8	24.2	55	13.3	27.0	55	14.9	29.2	53	15.5	32.4	50	16.2
25-44	31,303	94.0	29,420	31.1	93	28.9	31.2	93	29.0	34.9	93	32.5	40.9	93	38.0	48.6	93	45.2
45-64	21,222	88.2	18,711	24.2	87	21.1	27.8	87	24.2	30.5	86	26.2	31.2	86	26.8	31.1	85	26.4
65+	7,749	25.2	1,953	9.2	24	2.2	10.7	22	2.4	12.3	20	2.5	14.6	20	2.9	16.8	20	3.4
Total	75,091	78.4	58,843	87.3	75	63.0	93.9	73	68.9	104.7	73	76.1	115.9	72	83.2	128.9	71	91.2
Female																		
15-24	14,248	32.4	4,622	18.7	31	5.8	23.7	31	7.3	26.5	30	8.0	28.5	30	8.6	31.7	29	9.2
25-44	28,021	27.6	7,745	27.9	28	7.8	27.9	30	8.4	31.3	30	9.4	36.7	31	11.4	43.6	31	13.5
45-64	16,688	29.4	4,909	19.1	31	5.9	21.9	32	7.0	23.9	34	8.1	24.6	35	8.6	24.5	35	8.6
65+	6,268	6.0	377	7.5	6	0.5	8.6	6	0.5	9.9	6	0.6	11.8	6	0.7	13.6	6	0.8
Total	65,225	27.1	17,653	73.2	27	20.0	82.1	28	23.2	51.6	28	26.1	101.6	29	29.3	113.4	28	32.1
Males and Females																		
15-24	29,065	46.0	13,381	37.9	44	16.6	47.9	43	20.6	53.5	43	22.9	57.7	42	24.1	64.1	40	25.4
25-44	59,324	62.6	37,165	59.0	62	36.7	59.1	63	37.4	66.2	63	41.9	77.6	64	49.4	92.2	64	58.7
45-64	37,910	62.3	23,620	43.3	62	27.0	49.7	63	31.2	54.4	63	34.3	55.8	63	35.4	55.6	63	35.0
65+	14,017	16.6	2,330	16.7	16	2.7	19.3	15	2.9	22.2	14	3.1	26.4	14	3.6	30.4	14	4.2
Total	140,316	54.5	76,496	156.9	53	83.0	176.0	52	92.1	196.3	52	102.2	217.5	52	112.5	242.3	51	123.3
ASSUMPTION B																		
Males																		
15-24	14,817	59.1	8,759	19.4	56	10.9	24.6	55	13.5	27.8	55	15.3	30.4	53	16.1	34.1	50	17.1
25-44	31,303	94.0	29,420	31.8	93	29.6	32.4	93	30.1	37.0	93	34.4	43.7	93	40.6	52.1	93	48.5
45-64	21,222	88.2	18,711	24.4	87	21.2	28.3	87	24.6	31.1	86	26.7	32.4	86	27.9	32.9	85	28.0
65+	7,749	25.2	1,953	9.2	24	2.2	10.8	22	2.4	12.5	20	2.5	14.9	20	3.0	17.2	20	3.4
Total	75,091	78.4	58,843	84.8	75	63.9	96.1	73	70.6	108.4	73	78.9	121.4	72	87.6	136.3	71	97.0
Females																		
15-24	14,248	32.4	4,622	19.1	31	5.9	24.3	31	7.5	27.3	30	8.2	29.8	30	8.9	33.4	29	9.7
25-44	28,021	27.6	7,745	28.4	28	8.0	29.0	30	8.7	33.2	30	10.0	39.2	31	12.2	46.7	31	14.5
45-64	16,688	29.4	4,909	19.2	31	6.0	22.2	32	7.1	24.5	34	8.3	25.5	35	8.9	25.9	35	9.1
65+	6,268	6.0	377	7.4	6	0.4	8.7	6	0.5	10.1	6	0.6	12.0	6	0.7	13.9	6	0.8
Total	65,225	27.1	17,653	74.1	27	20.3	84.2	28	23.8	95.1	28	27.1	106.5	29	30.7	119.9	28	34.1
Males and Females																		
15-24	29,065	46.0	13,381	38.5	44	16.8	48.9	43	21.0	55.1	43	23.5	60.2	42	25.0	67.5	40	26.8
25-44	59,324	62.6	37,165	60.2	62	37.6	61.4	63	38.8	70.2	63	44.4	82.9	64	52.8	98.8	64	63.0
45-64	37,910	62.3	23,620	43.6	62	27.2	50.5	63	31.7	55.6	63	35.0	57.9	64	36.8	58.8	63	37.1
65+	14,017	16.6	2,330	16.6	16	2.6	19.5	15	2.9	22.6	14	3.1	26.9	14	3.7	31.1	14	4.2
Total	140,316	54.5	76,496	158.9	53	84.2	180.3	52	94.4	203.5	52	106.0	227.9	52	118.3	256.2	51	131.1

(1) D.B.S., Census of Canada, 1961, Vol.1. 2-2 and Vol 3. 1-8.

LABOUR FORCE, ECONOMIC REGIONS OF ONTARIO, 1941, 1951 1961 AND PROJECTED

Region		1941(1)			1951(2)			1961(3)			1966			1971			1976			1981			1986		
		(000's)	(000's)	% Change 10 year	(000's)	(000's)	% Change 10 year	(000's)	(000's)	% Change 5 year	(000's)	(000's)	% Change 5 year	(000's)	(000's)	% Change 5 year	(000's)	(000's)	% Change 5 year	(000's)	(000's)	% Change 5 year	(000's)	(000's)	% Change 1961 - 1986
Eastern Ontario -	Assumption A	204.9	229.3	11.9	289.7	26.3		312.3	7.8		350.5	12.2	21.0	383.2	9.3		418.8	9.3	19.5	455.2	8.7		57.1		
	Assumption B							315.3	8.8		357.2	13.3	23.3	393.9	10.3		434.0	10.2	21.5	475.1	9.5		64.0		
Lake Ontario	Assumption A	90.6	99.7	10.0	114.8	15.1		125.7	9.5		136.5	8.6	18.9	148.9	9.1		161.4	8.4	18.2	176.6	9.4		53.8		
	Assumption B							126.6	10.3		138.5	9.4	20.6	151.8	9.6		165.8	9.2	19.7	182.7	10.2		59.1		
Metro- politan	Assumption A	476.5	621.5	30.4	884.1	42.2		946.7	7.1		1,039.1	9.8	17.5	1,131.3	8.9		1,229.8	8.7	18.4	1,317.7	7.1		49.0		
	Assumption B							974.4	10.2		1,097.8	12.7	24.2	1,225.2	11.6		1,362.9	11.2	24.1	1,493.4	9.6		68.9		
Niagara	Assumption A	191.5	240.4	25.5	284.7	18.4		309.1	8.6		336.6	8.9	18.2	368.5	9.5		397.3	7.8	18.0	428.4	7.8		50.5		
	Assumption B							314.4	10.4		349.3	11.1	22.7	388.5	11.2		425.2	9.4	21.7	465.1	9.4		63.4		
Lake Erie	Assumption A	104.4	128.1	22.7	157.2	22.7		167.9	6.8		183.3	9.2	16.6	199.4	8.8		217.7	9.2	18.8	238.1	9.4		51.5		
	Assumption B							170.5	8.5		188.9	10.8	20.2	208.0	10.1		229.8	10.5	21.7	254.0	10.5		61.6		
Lake St. Clair	Assumption A	114.4	145.7	27.4	161.0	10.5		171.8	6.7		188.9	10.0	17.3	208.2	10.2		227.1	9.1	20.2	250.0	10.1		55.3		
	Assumption B							174.2	8.2		193.8	11.3	20.4	215.7	11.3		238.0	10.3	22.8	264.1	11.0		64.0		
Upper Grand River	Assumption A	104.7	121.9	16.4	146.3	20.0		156.9	7.2		173.2	10.4	18.4	189.6	9.5		206.6	9.0	19.3	224.7	8.8		53.6		
	Assumption B							159.1	8.7		178.0	11.9	21.7	197.1	10.7		216.9	10.0	21.9	238.6	10.0		63.1		
Georgian Bay	Assumption A	96.3	99.1	2.9	111.5	12.5		118.7	6.5		131.1	10.4	17.6	141.6	8.0		152.4	7.6	16.2	165.9	8.9		48.8		
	Assumption B							119.8	7.4		132.8	10.9	19.1	143.8	8.3		156.5	8.8	17.8	172.1	10.0		54.3		
North- eastern	Assumption A	118.5	135.0	13.9	167.0	23.7		184.6	10.5		208.8	13.1	25.0	235.9	13.0		264.3	12.0	26.6	293.7	11.1		75.9		
	Assumption B							186.7	11.8		213.1	14.1	27.6	243.1	14.1		274.3	12.8	28.7	306.9	11.2		83.8		
Lakehead	Assumption A	61.4	64.1	4.4	76.5	19.3		83.0	8.5		92.1	11.0	20.3	102.2	11.0		112.5	10.1	22.1	123.3	9.6		61.2		
	Assumption B							84.2	10.1		94.4	12.1	23.4	106.0	12.3		118.3	11.6	25.3	131.1	10.8		71.4		
Grand Total Ontario	Assumption A	1,563.1	1,884.9	20.6	2,393.0	27.0		2,576.7	7.7		2,840.1	10.2	18.7	3,108.8	9.5		3,387.9	9.0	19.3	3,673.6	8.4		53.5		
	Assumption B							2,625.0	9.7		2,943.8	11.2	23.0	3,273.1	11.2		3,621.7	10.7	23.0	3,983.1	10.0		66.4		

Source: (1) Census of Canada, 1941, Vol. 7, Table 11. (Gainfully occupied, 14 years and over)

(2) Census of Canada, 1951, Vol. 4, Table 10. (Labour force, 14 years and over)

(3) Census of Canada, 1961, Vol. 3.1-8. (Labour force, 15 years and over)

Note: Assumptions A and B refer only to labour force projections not to historical data.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, 1961 AND PROJECTED

ONTARIO

ASSUMPTION A: NET MIGRATION TO ONTARIO 10,000 PER ANNUM

NET INTERNAL MIGRATION 2,000 PER ANNUM

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	F.R. %	L.F.	Pop. (000's)	F.R. %	L.F. (000's)	Pop. (000's)	F.R. %	L.F. (000's)	Pop. (000's)	F.R. %	L.F. (000's)	Pop. (000's)	F.R. %	L.F. (000's)	Pop. (000's)	F.R. %	L.F. (000's)
Male																		
15-19	223,059	40.6	90,551	304.3	33	115.8	347.0	34	118.0	380.3	32	121.7	399.3	28	111.8	442.1	25	110.5
20-24	190,363	89.0	169,360	225.5	98	198.4	307.3	87	267.4	350.4	87	304.8	393.0	86	329.4	402.0	85	341.7
25-34	447,426	95.7	428,265	409.1	95	388.6	422.4	95	401.3	538.9	95	511.9	664.0	95	630.8	740.7	95	703.7
35-44	432,813	96.0	415,668	466.5	95	443.2	450.4	95	427.9	411.3	95	390.7	424.6	95	403.4	531.0	95	504.5
45-49	183,907	95.0	174,791	197.5	94	185.9	229.0	94	215.3	231.1	93	214.9	213.7	93	198.7	198.5	93	184.6
50-54	157,849	93.1	146,981	179.0	94	168.3	192.6	94	181.0	223.4	93	207.3	225.5	93	209.7	209.6	93	194.9
55-59	131,026	89.3	117,058	150.4	83	132.4	170.7	83	150.2	183.8	88	161.7	213.3	88	187.7	210.2	88	185.0
60-64	107,830	78.6	84,775	121.2	77	93.3	139.2	76	105.8	158.2	75	118.7	170.8	75	128.1	201.7	75	151.3
65	231,765	31.5	73,118	258.8	30	77.6	283.3	28	80.7	326.2	25	81.6	371.9	25	93.0	420.1	25	105.0
Total	2,106,048	90.7	1,700,567	2,313.1	76	1,803.5	2,546.9	77	1,947.6	2,803.6	75	2,113.8	3,066.1	75	2,292.6	3,355.9	74	2,481.2
Female																		
15-19	213,824	33.9	72,462	290.6	31	97.1	332.1	29	56.3	363.9	27	98.3	332.2	25	95.6	423.1	25	105.8
20-24	196,598	51.6	101,414	216.7	52	112.7	294.1	53	155.9	335.3	53	177.7	363.0	53	195.0	386.2	53	204.7
25-34	435,050	33.8	146,856	412.0	34	140.1	423.1	35	148.0	519.6	35	181.9	638.0	35	223.3	711.6	35	249.1
35-44	433,745	36.2	156,850	463.9	37	171.6	440.5	40	176.2	416.7	43	179.1	427.0	45	192.1	532.3	45	239.5
45-49	176,842	39.3	69,456	196.2	40	73.5	235.5	42	98.9	226.6	44	99.7	211.9	46	97.5	196.9	48	94.5
50-54	151,946	37.4	56,398	174.7	40	69.9	194.1	42	81.5	232.6	44	102.3	223.7	46	102.9	208.0	48	99.8
55-59	127,301	32.3	41,084	148.6	34	50.5	170.7	36	61.5	189.3	38	72.1	227.4	40	91.0	224.0	40	89.6
60-64	110,681	23.9	26,448	122.6	25	30.7	143.1	26	37.2	164.6	27	44.4	132.8	28	51.2	215.8	29	62.6
65 +	276,308	7.6	20,980	313.9	7.5	23.9	361.1	8	28.9	410.1	8	32.8	467.5	8	37.4	528.1	8	42.2
Total	2,122,295	32.6	692,448	2,344.2	33	768.0	2,594.3	34	884.4	2,859.2	35	988.3	3,123.5	35	1,086.0	3,426.0	35	1,187.8
Males and Females																		
15-19	436,883	37.3	163,013	595.4	35	205.9	679.1	32	214.3	744.2	30	220.0	731.5	27	207.4	865.2	25	216.3
20-24	386,961	70.0	270,774	442.2	70	311.1	601.4	70	423.3	685.7	70	482.5	751.0	70	524.4	788.2	69	546.4
25-34	882,476	65.2	275,121	821.1	64	288.7	845.5	65	549.3	1,058.5	66	693.8	1,302.0	66	844.1	1,452.3	66	952.8
35-44	866,563	66.1	572,518	930.4	66	614.8	890.9	63	604.1	828.0	65	569.8	851.6	70	595.5	1,063.3	70	744.0
45-49	360,749	67.7	244,247	394.0	67	264.4	464.5	68	314.2	457.7	69	314.6	425.6	70	296.2	395.4	71	279.1
50-54	309,795	65.3	203,379	353.7	67	238.2	396.7	65	262.5	456.0	68	310.1	449.2	70	312.6	417.6	71	294.7
55-59	258,327	61.2	158,142	299.0	61	182.9	341.4	62	211.7	373.6	63	233.8	440.7	63	276.7	434.2	63	274.6
60-64	218,511	50.9	111,223	243.3	51	124.0	282.3	51	143.0	322.8	51	163.1	353.6	51	179.3	417.5	51	213.9
65 +	508,073	13.5	94,098	577.7	18	101.5	649.4	17	109.6	736.3	16	114.4	839.4	16	130.4	948.2	16	147.2
Total	4,228,343	56.6	2,393,015	4,657.3	55	2,571.5	5,141.2	55	2,832.0	5,662.8	55	3,102.1	6,194.6	55	3,378.6	6,781.9	54	3,669.0

(1) D.B.S., Census of Canada, 1961, Vol. 3.1-11.

POPULATION, PARTICIPATION RATES AND LABOUR FORCE, 1961 AND PROJECTED

ONTARIO

ASSUMPTION B: NET MIGRATION TO ONTARIO 30,000 PER ANNUM

NET INTERNAL MIGRATION 6,000 PER ANNUM

	1961 ⁽¹⁾			1966			1971			1976			1981			1986		
	Pop.	P.R. %	L.F.	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)	Pop. (000's)	P.R. %	L.F. (000's)
Male																		
15-19	223,059	40.6	90,551	308.5	33	117.2	354.8	34	120.6	394.4	32	126.2	421.7	23	118.1	474.6	25	118.7
20-24	190,368	89.0	169,360	232.6	88	204.7	319.2	87	277.7	367.5	87	310.7	406.9	86	349.9	433.8	85	368.7
25-34	447,426	95.7	428,265	424.7	95	404.5	451.7	95	429.2	580.4	95	551.4	717.2	95	681.3	805.2	95	765.0
35-44	432,818	96.0	415,668	474.6	95	450.9	470.0	95	446.5	443.3	95	421.1	469.0	95	445.6	597.6	95	567.7
45-49	183,907	95.0	174,791	199.8	94	137.3	234.3	94	220.2	241.3	93	224.4	229.5	93	213.4	213.6	93	198.6
50-54	157,849	93.1	146,981	180.4	94	169.6	196.1	94	184.3	230.2	93	214.1	236.9	93	220.3	224.6	93	208.9
55-59	131,026	89.3	117,058	151.4	89	133.2	173.2	88	152.4	188.4	88	165.8	221.0	88	194.5	227.9	88	200.6
60-64	107,830	78.6	84,775	121.9	77	93.9	140.9	76	107.1	161.2	75	120.9	175.9	75	131.9	206.3	75	154.7
65 +	231,765	31.5	73,113	259.8	30	78.0	290.7	28	81.4	330.5	25	82.6	378.2	25	94.6	429.6	25	107.4
Total	2,106,048	80.7	1,700,567	2,353.7	78	1,338.3	2,630.9	77	2,019.4	2,937.2	76	2,226.2	3,256.3	75	2,449.6	3,613.2	74	2,690.3
Female																		
15-19	213,824	33.9	72,462	294.0	31	91.1	339.5	29	98.5	377.5	27	101.9	403.5	25	100.9	454.1	25	113.5
20-24	196,598	51.6	101,414	223.5	52	115.7	305.5	53	161.9	351.7	53	186.4	391.0	53	207.2	416.3	53	220.9
25-34	435,050	33.8	146,856	427.5	34	145.3	452.6	35	158.4	559.6	35	195.9	689.1	35	241.2	776.3	35	271.9
35-44	433,745	36.2	156,850	471.8	37	174.6	459.7	40	183.9	449.3	43	193.2	471.7	45	212.3	579.5	45	260.3
45-49	176,842	39.3	69,456	198.3	40	75.3	240.9	42	101.2	236.6	44	104.1	227.6	46	104.7	225.1	48	108.0
50-54	151,946	37.4	56,898	176.1	40	70.4	197.6	42	83.0	239.5	44	105.4	235.1	46	108.1	226.5	48	108.7
55-59	127,301	32.3	41,084	149.6	34	50.9	173.2	36	62.4	194.5	38	73.9	235.6	40	94.2	230.7	40	92.3
60-64	110,681	23.9	26,448	123.3	25	30.8	144.3	26	37.6	167.8	27	45.3	188.3	28	52.7	223.0	29	66.1
65 +	276,308	7.6	20,980	320.0	7	24.0	364.0	3	29.1	415.5	8	33.2	477.5	8	38.2	544.5	8	43.6
Total	2,122,295	32.6	692,448	2,384.1	33	782.6	2,677.8	34	916.0	2,992.0	35	1,039.3	3,319.4	35	1,159.5	3,681.0	35	1,285.3
Males and Females																		
15-19	436,883	37.3	163,013	602.5	35	208.3	694.3	32	219.1	771.9	30	228.1	825.2	27	219.0	928.7	25	232.2
20-24	386,966	70.0	270,774	456.1	70	320.9	624.7	70	439.6	719.2	70	506.1	797.9	70	557.1	850.6	69	589.6
25-34	882,476	65.2	575,121	852.2	64	344.3	904.3	65	587.6	1,140.0	66	747.3	1,406.3	66	922.5	1,582.0	66	1,036.9
35-44	866,563	66.1	572,518	946.4	66	625.5	929.7	68	630.4	892.6	69	614.3	940.7	70	657.9	1,176.1	70	823.0
45-49	360,749	67.7	244,247	398.1	67	267.1	475.2	68	321.4	477.9	69	328.5	457.1	70	318.1	438.7	70	306.6
50-54	309,795	65.8	203,879	356.5	67	240.0	393.7	68	267.3	469.7	68	319.5	472.0	70	328.4	451.1	70	317.6
55-59	258,327	61.2	153,142	301.0	61	184.1	346.4	62	214.3	382.9	63	239.7	456.6	63	238.7	458.6	64	292.9
60-64	218,511	50.9	112,223	245.2	51	124.7	285.7	51	144.7	329.0	51	166.2	364.2	51	184.6	434.3	51	220.8
65 +	508,073	18.5	94,098	579.8	18	102.0	654.7	17	110.5	746.0	16	115.8	855.7	16	132.8	974.1	16	151.0
Total	4,228,343	56.6	2,393,015	4,737.8	55	2,621.4	5,308.7	55	2,935.4	5,929.2	55	3,265.5	6,575.7	55	3,609.1	7,294.2	55	3,975.6

(1) D.B.S., Census of Canada, 1961, Vol. 3.1-11.

PERCENTAGE DISTRIBUTION OF POPULATION AND LABOUR FORCE, ONTARIO, 1961 AND PROJECTED(1)

C - 3

ONTARIO																									
		1961(2)				1966				1971				1976				1981				1986			
		Assumption A		Assumption B		Assumption A		Assumption B		Assumption A		Assumption B		Assumption A		Assumption B		Assumption A		Assumption B					
		Pop.	L.F.	Pop.	L.F.	Pop.	L.F.	Pop.	L.F.	Pop.	L.F.	Pop.	L.F.	Pop.	L.F.	Pop.	L.F.	Pop.	L.F.	Pop.	L.F.				
Male																									
15-19	10.6	5.3	13.2	6.4	13.1	6.4	13.6	6.1	13.5	6.0	13.6	5.8	13.4	5.7	13.0	4.9	12.9	4.8	13.2	4.5	13.1	4.4			
20-24	9.0	10.0	9.7	11.0	9.9	11.1	12.1	13.7	12.1	13.8	12.5	14.4	12.5	14.4	12.5	14.4	12.5	14.3	12.0	13.8	12.0	13.7			
25-34	21.2	25.2	17.7	21.5	18.0	21.9	16.6	20.6	17.2	21.3	19.2	24.2	19.8	24.8	21.7	27.5	22.0	27.8	22.1	28.4	22.3	28.4			
35-44	20.6	24.4	20.2	24.6	20.2	24.5	17.7	22.0	17.9	22.1	14.7	18.5	15.1	18.9	13.8	17.6	14.4	18.2	15.8	20.3	16.5	21.1			
45-49	8.7	10.3	8.6	10.3	8.5	10.2	9.0	11.1	8.9	10.9	8.2	10.2	8.2	10.1	7.0	8.7	7.0	8.7	5.9	7.4	5.9	7.4			
50-54	7.5	8.6	7.7	9.3	7.7	9.2	7.6	9.3	7.5	9.1	8.0	9.8	7.8	9.6	7.4	9.1	7.3	9.0	6.2	7.9	6.2	7.8			
55-59	6.2	6.9	6.5	7.3	6.4	7.2	6.7	7.7	6.6	7.5	6.6	7.7	6.4	7.4	7.0	8.2	6.8	7.9	6.3	7.5	6.3	7.5			
60-64	5.1	5.0	5.2	5.2	5.2	5.1	5.5	5.4	5.4	5.3	5.6	5.6	5.5	5.4	5.6	5.6	5.4	5.4	6.0	6.1	5.7	5.8			
65 +	11.0	4.3	11.2	4.3	11.0	4.2	11.3	4.1	11.0	4.0	11.6	3.9	11.3	3.7	12.1	4.1	11.6	3.9	12.5	4.2	11.9	4.0			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
Female																									
15-19	10.1	10.5	12.4	11.9	12.3	11.6	12.8	10.9	12.7	10.8	12.7	9.9	12.6	9.8	12.2	8.8	12.2	8.7	12.4	8.9	12.3	8.8			
20-24	9.3	14.6	9.2	14.7	9.4	14.8	11.3	17.6	11.4	17.7	11.7	18.0	11.8	17.9	11.8	18.0	11.8	17.9	11.3	17.2	11.3	17.2			
25-34	20.5	21.2	17.6	18.2	17.9	18.6	16.3	16.7	16.9	17.3	18.2	18.4	18.7	18.8	20.4	20.6	20.8	20.8	20.8	21.0	21.1	21.2			
35-44	20.4	22.7	19.8	22.3	19.8	22.3	17.0	19.9	17.2	20.1	14.6	18.1	15.0	18.6	13.6	17.7	14.2	18.3	15.5	20.2	15.7	20.3			
45-49	8.3	10.0	8.4	10.2	8.3	10.1	9.1	11.2	9.0	11.0	7.9	10.1	7.9	10.0	6.8	9.0	6.9	9.0	5.7	8.0	6.1	8.4			
50-54	7.2	8.2	7.5	9.1	7.4	9.0	7.5	9.2	7.4	9.1	8.1	10.4	8.0	10.1	7.1	9.5	7.1	9.3	6.1	8.4	6.2	8.5			
55-59	6.0	5.9	6.3	6.6	6.3	6.5	6.6	7.0	6.5	6.8	6.6	7.3	6.5	7.1	7.3	8.4	7.1	8.1	6.5	7.5	6.3	7.2			
60-64	5.2	3.8	5.2	4.0	5.2	3.9	5.5	4.2	5.4	4.1	5.8	4.5	5.6	4.4	5.8	4.7	5.7	4.5	6.3	5.3	6.2	5.1			
65 +	13.0	3.0	13.6	3.1	13.4	3.1	13.9	3.3	13.6	3.2	14.3	3.3	13.9	3.2	14.9	3.4	14.4	3.3	15.4	3.6	14.8	3.4			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
Males and Females																									
15-19	10.3	6.8	12.8	8.0	12.7	7.9	13.2	7.6	13.1	7.5	13.1	7.1	13.0	7.0	12.6	6.1	12.5	6.1	12.8	5.9	12.7	5.8			
20-24	9.2	11.3	9.5	12.1	9.6	12.2	11.7	14.9	11.8	15.0	12.1	15.6	12.1	15.5	12.1	15.5	12.1	15.4	11.6	14.9	11.7	14.8			
25-34	20.9	24.0	17.6	20.6	18.0	20.9	16.4	19.4	17.0	20.0	18.7	22.4	19.2	22.9	21.0	25.3	21.4	25.6	21.4	26.0	21.7	26.1			
35-44	20.5	23.9	20.0	23.9	20.0	23.9	17.3	21.3	17.5	21.5	14.6	18.4	15.1	18.8	13.7	17.6	14.3	18.2	15.7	20.3	16.1	20.8			
45-49	8.5	10.2	8.5	10.3	8.4	10.2	9.0	11.1	9.0	10.9	8.1	10.1	8.1	10.1	6.9	8.8	7.0	8.8	5.8	7.6	6.0	7.7			
50-54	7.3	8.5	7.6	9.3	7.5	9.2	7.5	9.3	7.4	9.1	8.1	10.0	7.9	9.8	7.3	9.3	7.2	9.1	6.2	8.0	6.2	8.0			
55-59	6.1	6.6	6.4	7.1	6.4	7.0	6.6	7.5	6.5	7.3	6.6	7.5	6.5	7.3	7.1	8.2	6.9	8.0	6.4	7.5	6.3	7.4			
60-64	5.2	4.6	5.2	4.8	5.2	4.8	5.5	5.0	5.4	4.9	5.7	5.3	5.5	5.1	5.7	5.3	5.5	5.1	6.2	5.8	6.0	5.6			
65 +	12.0	3.9	12.4	3.9	12.2	3.9	12.6	3.9	12.3	3.8	13.0	3.7	12.6	3.5	13.5	3.9	13.0	3.7	14.0	4.0	13.4	3.8			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			

- (1) Totals may not add because of rounding.
 (2) D.B.S., Census of Canada, 1961, Vol. 3.1-11.

